

May 11, 2007

Ms. Diana Mason – Petroleum Technician State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11

Lake Canyon Area #7-20-46 DLB Well

Surface: 2250' FNL & 2500' FWL - SENW, 20-T4S-R6W Bottom Hole: 1980' FNL & 1980' FEL - SWNE, 20-T4S-R6W

Duchesne County, Utah

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MAY 1 5 2007

DIV. OF OIL, GAS & MINING

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-11, pertaining to Directional Drilling and the Location and Siting of Wells.

- The above-mentioned proposed location is within our Lake Canyon Area.
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area and also minimize surface disturbance.
- BBC hereby certifies it owns a working interest along with Berry Petroleum Company, and together we own 100% of the working interest within 460 feet of the entire directional well bore.
- Our ownership rights under our Exploration and Development Agreement with the Ute Indian Tribe and UDC provides for the drilling of exploratory wells. Said agreement provides that we consult with these owners regarding the drilling of this well.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

Doug Gundry-White

SUITE 2300

DENVER, CO 80202

P. 303,293,9100

Senior Landman

1099 18TH STREET SUITE 2300

P 303.293.9100

303.291.0420



May 14, 2007

Utah Division of Oil, Gas and Mining P.O. Box 145801 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801 RECEIVED
MAY 1 5 2007

DIV. OF OIL, GAS & MINING

7-20-46 BTR
Tribal Surface Owner (Ute Indians)/Tribal Minerals
SENW, Section 20-T4S-R6W
Duchesne County, Utah

Diana Mason, Permitting - Petroleum Technician:

Laddor K

Enclosed please find a copy of Bill Barrett Corporation's (BBC) application for permit to drill the above captioned well. Montgomery Archeological completed a Class III archeological survey for this location and the report dated April 17, 2007, states "no historic properties affected" the site (MOCA Report No. 07-104). Also, on March 23, 2007, a threatened and endangered species survey was conducted and the location was cleared.

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sincerely,

Reed Haddock Permit Analyst

Enclosures

1099 18TH STREET SUITE 2300

DENVER, CO 80202

P 303.293.9100

F 303,291.0420

(April 2004)		•		OMB N	APPROVE o. 1004-01	37
UNITED STATES DEPARTMENT OF THE 1 BUREAU OF LAND MAN	INTERIOR			5. Lease Serial No. BIA 14-20-H6	March 31, 2	2007
APPLICATION FOR PERMIT TO				6. If Indian, Allotee or Tribe Name UTE INDIAN TRIBE		
la. Type of work: DRILL REENTH	ER			7 If Unit or CA Agr N/A	eement, N	ame and No.
Ib. Type of Well: Oil Well Gas Well Other	√ Sia	ngle Zone Multip	ole Zone	8. Lease Name and # 7-20-46 DLI		
2. Name of Operator BILL BARRETT CORPORATION				9. API Well No. Pending	43-01	13-3365
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202		. (include area code) 12–8546		10. Field and Pool, or Altament		
4. Location of Well (Report location clearly and in accordance with an At surface SENW, 2250' FNL, 2500' FWL	ry State requirem	ents.*)		11. Sec., T. R. M. or F		•
At proposed prod. zone SWNE, 1980' FNL, 1980' FEL				Section 20-T4	S-R6W	U.S.B.&M.
14. Distance in miles and direction from nearest town or post office* Approximately 16.1 miles southwest of Duchesne, Utah				12. County or Parish Duchesne		13. State UT
location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2250' SHL; 1980' BHL	16. No. of a	cres in lease	17. Spacin	g Unit dedicated to this	weli	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1000' (abandoned well)	19. Proposed 8492'	i Depth		BIA Bond No. on file nwide Bond #WYB0	00040	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6107' ungraded ground	22. Approxi	mate date work will sta 07/01/2007	rt*	23. Estimated duration 45 days	on	
	24. Attac					
The following, completed in accordance with the requirements of Onshor	re Oil and Gas	Order No.1, shall be a	ttached to th	is form:		**************************************
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the	Item 20 above). 5. Operator certific	cation specific info	ns unless covered by an ormation and/or plans a	Ū	•
25. Signature Local Haddock		(Printed/Typed) Reed Haddock			Date 05.	/14/2007
Title Permit Anglysh					<u> </u>	
Approved by Appropriation	l _	(Printed/Typed)	·	. !	Date	-16-07
Title	OEN	RADLEY O VIRONMENTAL I	HILI	R	100	-10 04
Application approval does not warrant or certify that the applicant hold conduct operations thereon. Conditions of approval, if any, are attached.	ls legil or equi	table title to those righ	ts in the sub	jectlease which would	entitle the	applicantto
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a c States any false, fictitious or fraudulent statements or representations as	rime for any p to any matter v	erson knowingly and vithin its jurisdiction.	willfully to n	nake to any department	or agency	of the United
*(Instructions on page 2)						

E---- 21/0 2

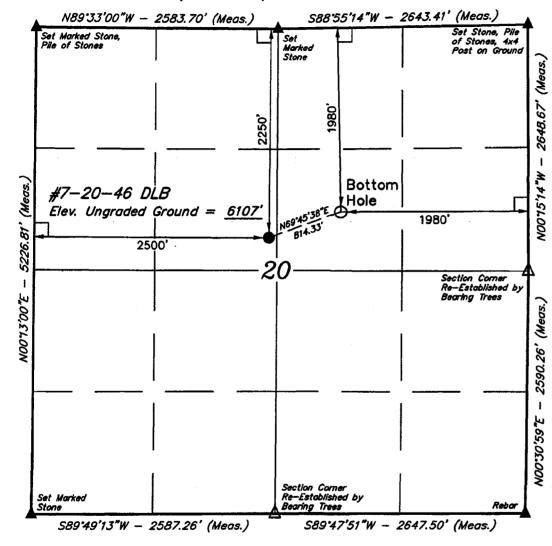
Surf 535261X Action is Necessary B 44409144 40.119691 -110.586206

BHU 535501X 44410034 40,120488 -110, 583384

RECEIVED MAY 1 5 2007

DIV. OF OIL, GAS & MINING

T4S, R6W, U.S.B.&M.



LEGEND:

_ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

 Δ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

(NAD 83)

LATITUDE = 40°07'09.80" (40.119389)

LONGITUDE = 110'35'12.67" (110.586853)

(NAD 27)

LATITUDE = 40°07'09.95" (40.119431) LONGITUDE = 110°35'10.11" (110.586142)

BILL BARRETT CORPORATION

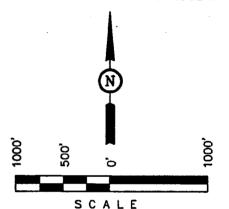
Well location, #7-20-46 DLB, located as shown in the SE 1/4 NW 1/4 of Section 20, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE FIELD NOTES OF ACTUAL SURVEYS MUST SUPERVISION AND THAT THE SAME BEST OF MY KNOWLEDGE AND BELLET

REGISTRE LAND SURVEYOR REGISTRATION NO. 181319 STATE OF STATE OF

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 04-12-07 04-13-07				
PARTY D.S. M.B. P.M.	REFERENCES G.L.O. PLAT				
WEATHER COOL	FILE BILL BARRETT	FILE BILL BARRETT CORPORATION			

HAZARDOUS MATERIAL DECLARATION

WELL NO. # 7-20-46 DLB - LEASE NO. BIA 14-20-H62-5500

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

DRILLING PLAN

BILL BARRETT CORPORATION # 7-20-46 DLB

SHL: SENW, 2250' FNL & 2500' FWL, Section 20-T4S-R6W BHL: SWNE, 1980' FNL & 1980' FEL, Section 20-T4S-R6W Surface Owner: Tribal (Ute Indian Tribe)

Duchesne County, Utah

1-2. <u>Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals</u>

Formation	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	2,735'
Douglas Creek	3,523'
Black Shale	4,194'
Castle Peak	4,474'
Wasatch	5,099' *
North Horn	7,017' *
TD	8,492'

^{*}PROSPECTIVE PAY

The Wasatch and the North Horn are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

Depth Intervals BOP Equipment						
0 – 850'	No pressure control required					
850' – TD 11" 3000# Ram Type BOP						
11" 3000# Annular BOP						
- Drilling spool to	accommodate choke and kill lines;					
- Ancillary and cho	ske manifold to be rated @ 3000 psi;					
- Ancillary equipm	ent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in					
accordance with t	he requirements of onshore Order No. 2;					
- The BLM and the	e State of Utah Division of Oil, Gas and Mining will be notified 24 hours in					
	OP pressure tests.					
- BOP hand wheel	s may be underneath the sub-structure of the rig if the drilling rig used is set up					
To operate most	efficiently in this manner.					

4. Casing Program

Hole Size	SETTING (FROM)	(TO)	Casing Size	Casing Weight	Casing Grade	Thread	Condition
12 1/4"	surface	850'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	surface	8,492'	5 ½"	17#	N or I 80	LT&C	New

5. Cementing Program

9 5/8" Surface Casing	Approximately 290 sx Halliburton Light Premium with additives mixed at 12.3 ppg (yield = 1.43 ft ³ /sx) circulated to surface with 100% excess
5 1/2" Production Casing	Approximately 130 sx Halliburton Hi-Fill Modified cement with additives mixed at 11.0 ppg (yield = 3.81 ft ³ /sx). Approximately 760 sx Halliburton Light Premium Plus cement with additives mixed at 13.5 ppg (yield = 1.58 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 850°.

6. Mud Program

<u>Interval</u>	<u>Weight</u>	Viscosity	Fluid Loss (API filtrate)	<u>Remarks</u>
40' - 850'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
850' – TD	8.6 – 9.4	42-52	20 cc or less	DAP Polymer Fluid System

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface).
	FMI & Sonic Scanner to be run at geologist's discretion.

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4151 psi* and maximum anticipated surface pressure equals approximately 2283 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

9. Auxiliary equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

^{*}Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

^{**}Maximum surface pressure = A - (0.22 x TD)

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

11. <u>Drilling Schedule</u>

Location Construction:

Approximately June 15, 2007

Spud:

Approximately July 1, 2007

Duration:

20 days drilling time

45 days completion time

7-20-46 DLB Proposed Cementing Program

Job Recommendation		Sur	face Casing
Lead Cement - (850' - 0')			
Halliburton Light Premium	Fluid Weight:	12.3	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.43	ft ³ /sk
0.25 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	10.6	Gal/sk
	Top of Fluid:	Ο'	
·	Calculated Fill:	850'	
	Volume:	106.67	bbl
	Proposed Sacks:	290	sks

Job Recommendation		Produc	tion Casing
Lead Cement - (3023' - 850')			
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal
16.0% Bentonite	Slurry Yield:	3.81	ft ³ /sk
0.75% Ecpnolite	Total Mixing Fluid:	23.00	Gal/sk
7.5 lbm/sk Gilsonite	Top of Fluid:	850'	
2.0 lbm/sk Granulite TR	Calculated Fill:	2,173'	
3.0% Salt	Volume:	83.81	bbl ·
0.2% HR-7	Proposed Sacks:	130	sks
Tail Cement - (8492' - 3023')			
Halliburton Light Premium Plus	Fluid Weight:	13.5	lbm/gal
3.0% KCl	Slurry Yield:	1.58	ft ³ /sk
1.0% Econolite	Total Mixing Fluid:	7.77	Gal/sk
0.5% Halad®-322	Top of Fluid:	3,023'	
0.6% HR-5	Calculated Fill:	5,469'	
0.25 lbm/sk Flocele	Volume:	210.96	bbl
1.0 lbm/sk Granulite	Proposed Sacks:	760	sks



Weatherford

Drilling Services

Proposal



BILL BARRETT CORPORATION

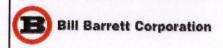
#7-20-46 DLB

DUCHESNE COUNTY, UTAH

WELL FILE:PLAN 1

MAY 4, 2007

363 North Sam Houston Pkwy E, Suite 600 Houston, Texas 77060 USA +1.281.260.5600 Main +1.281.260.2763 Fax www.weatherford.com



#7-20-46 DLB SEC 20 T4S R6W 2250' FNL, 2500' FWL DUCHESNE COUNTY, UTAH

					SECTI	ON DETAIL	S			
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	69.76	0.00	0.00	0.00	0.00	0.00	0.00	
2	1000.00	0.00	69.76	1000.00	0.00	0.00	0.00	0.00	0.00	
3	1522.65	10.45	69.76	1519.76	16.44	44.61	2.00	69.76	47.54	
4	5224.82	10.45	69.76	5160.48	248.76	674.84	0.00	0.00	719.23	
5	6270.13	0.00	69.76	6200.00	281.65	764.06	1.00	180.00	814.32	
6	8492.13	0.00	69.76	8422.00	281.65	764.06	0.00	69.76	814.32	PBHL #7-20-46 DLE

#7-20-46 DLB SECTION 20-T4S-R6W 2250' FNL, 2500' FWL

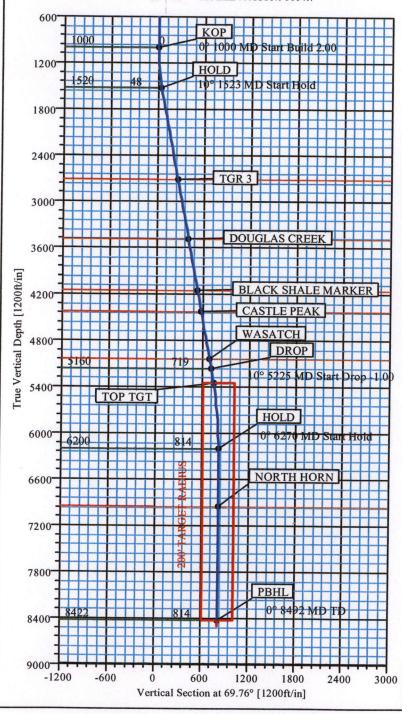
Site Centre Latitude: 40°07'09,800N Longitude: 110°35'12.670W

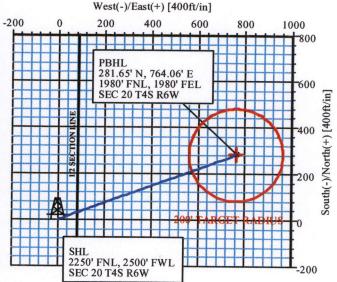
Ground Level: 6104.70 Positional Uncertainty: 0.00 Convergence: 0.58

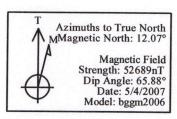
	F	ORMATION	N TOP DETAILS	
No.	TVDPath	MDPath	Formation	
1	2712.00	2735.02	TGR 3	
2	3487.00	3523.09	DOUGLAS CREEK	
3	4147.00	4194.23	BLACK SHALE MARKER	
4	4422,00	4473.87	CASTLE PEAK	
5	5037.00	5099.25	WASATCH	
6	6947.00	7017.13	NORTH HORN	

ASSUMED 15' KB ELEVATION

KB ELEVATION: 6119.7' GR ELEVATION: 6104.7'







TOTAL CORRECTION TO TRUE NORTH: 12.07°



Weatherford

Plan: Plan #1 (#7-20-46-DLB/1)

Created By: ROBERT SCOTT

Date: 5/4/2007

Weatherford International, Ltd. PLAN REPORT

Company: BILL BARRETT CORP Field:

DUCHESNE COUNTY, UTAH

#7-20-46 DLB #7-20-46-DLB Site: Well: Wellpath: 1

Date: 5/4/2007

Co-ordinate(NE) Reference: Vertical (TVD) Reference:

Section (VS) Reference: Survey Calculation Method:

Time: 11:13:06

Page: Site: #7-20-46 DLB, True North

2

SITE 6119.7

Well (0.00N,0.00E,69.76Azi)

Minimum Curvature Db: Sybase

3.00									
MD Incl ft deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
2400.00 10.4		2382.54	71.50	193.96	206.72	0.00	0.00	0.00	
2500.00 10.4		2480.89	77.77	210.99	224.86	0.00	0.00	0.00	
2600.00 10.4		2579.23	84.05	228.01	243.01	0.00	0.00	0.00	
2700.00 10.4		2677.57	90.33	245.03	261.15	0.00	0.00	0.00	
2735.02 10.4	5 69.76	2712.00	92.52	250.99	267.50	0.00	0.00	0.00	TGR 3
2800.00 10.4								0.00	75115
,		2775.91	96.60	262.06	279.29	0.00	0.00	0.00	
		2874.25	102.88	279.08	297.44	0.00	0.00	0.00	
		2972.59	109.15	296.10	315.58	0.00	0.00	0.00	
3100.00 10.4		3070.93	115.43	313.13	333.72	0.00	0.00	0.00	
3200.00 10.4	5 69.76	3169.27	121.70	330.15	351.87	0.00	0.00	0.00	
3300.00 10.4	5 69.76	3267.61	127.98	347.17	370.01	0.00			
3400.00 10.4		3365.95	134.25	364.20	388.15	0.00	0.00	0.00	
3500.00 10.4		3464.29	140.53	381.22		0.00	0.00	0.00	
3523.09 10.4		3487.00			406.29	0.00	0.00	0.00	
3600.00 10.4		3562.63	141.98	385.15	410.48	0.00	0.00	0.00	DOUGLAS CREEK
10,4	09.70	3302.03	146.80	398.24	424.44	0.00	0.00	0.00	
3700.00 10.4		3660.97	153.08	415.27	442.58	0.00	0.00	0.00	
3800.00 10.4		3759.31	159.35	432.29		0.00	0.00	0.00 0.00	
3900.00 10.4	69.76	3857.65	165.63	449.31	478.87	0.00	0.00		
4000.00 10.4	69.76	3955.99	171.90	466.33	497.01	0.00		0.00	
4100.00 10.4	69.76	4054.33	178.18	483.36	515.15	0.00	0.00 0.00	0.00 0.00	
4194.23 10.4		4447.00				0.00	0.00	0.00	
		4147.00	184.09	499.40	532.25	0.00	0.00	0.00	BLACK SHALE MARKER
4200.00 10.4		4152.67	184.45	500.38	533.30	0.00	0.00	0.00	
4300.00 10.45		4251.01	190.73	517.40	551.44	0.00	0.00	0.00	
4400.00 10.45		4349.35	197.00	534.43	569.58	0.00	0.00	0.00	
4473.87 10.45	69.76	4422.00	201.64	547.00	582.98	0.00	0.00	0.00	CASTLE PEAK
4500.00 10.45	••••	4447.69	203.28	551.45	587.72	0.00	0.00	0.00	
4600.00 10.45	69.76	4546.03	209.55	568.47	605.87	0.00	0.00	0.00	
4700.00 10.45	69.76	4644.37	215.83	585.50	624.01	0.00	0.00		
4800.00 10.45	69.76	4742.71	222.10	602.52	642.15	0.00	0.00	0.00	
4900.00 10.45	69.76	4841.05	228.38	619.54	660.30	0.00	0.00	0.00 0.00	
5000.00 10,45	69.76	4020.20	00405						
5099.25 10.45		4939.39	234.65	636.57	678.44	0.00	0.00	0.00	
5100.00 10.45		5037.00	240.88	653.46	696.45	0.00	0.00	0.00	WASATCH
		5037.74	240.93	653.59	696.58	0.00	0.00	0.00	
		5136.08	247.21	670.61	714.73	0.00	0.00	0.00	
5224.82 10.45	69.76	5160.48	248.76	674.84	719.23	0.00	0.00		DROP
5300.00 9.70	69.76	5234.50	253.31	687.18	732.38	1.00	4.00		
5400.00 8.70		5333.22	258.84	702.18	748.37	1.00	-1.00	0.00	
5413.94 8.56		5347.00	259.57	704.15	750.47	1.00	-1.00	0.00	
5500.00 7.70		5432.19	263.78	715.57		1.00	-1.00		TOP TGT
5600.00 6.70	69.76	5531.40	268.11	715.57	762.64 775.17	1.00	-1.00	0.00	
	333		200.11	121.00	775.17	1.00	-1.00	0.00	
5700.00 5.70	69.76	5630.81	271.85	737.47	785.98	1.00	-1.00	0.00	
5800.00 4.70	69.76	5730.40	274.98	745.97	795.04	1.00	-1.00	0.00	
5900.00 3.70	69.76	5830.13	277.52	752.85	802.37	1.00	-1.00 -1.00	0.00	
6000.00 2.70	69.76	5929.97	279.45	758.09	807.95	1.00		0.00	
6100.00 1.70	69.76	6029.90	280.78	761.69	811.79	1.00	-1.00 -1.00	0.00 0.00	
6200.00 0.70	60.76	6400.00						0.00	
6270.13 0.00	69.76	6129.88	281.50	763.66	813.89	1.00	-1.00	0.00	
	69.76	6200.00	281.65	764.06	814.32	1.00	-1.00	0.00	HOLD
	69.76	6229.87	281.65	764.06	814.32	0.00	0.00	0.00	
	69.76	6329.87	281.65	764.06	814.32	0.00	0.00	0.00	
6500.00 0.00	69.76	6429.87	281.65	764.06	814.32	0.00	0.00	0.00	
6600.00 0.00	69.76	6529.87	281.65	764.06	814.32	0.00	0.00	0.00	
6700.00 0.00	69.76	6629.87	281.65	764.06	814.32	0.00	0.00	0.00	i
6800.00 0.00	69.76	6729.87	281.65	764.06	814.32	0.00	0.00	0.00	ļ
					<u>.</u>		0.00	0.00	

Weatherford International, Ltd. PLAN REPORT

Company: BILL BARRETT CORP

Field: DUCHESNE COUNTY, UTAH

#7-20-46 DLB

#7-20-46-DLB

Welipath:

Date: 5/4/2007

Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference:

Survey Calculation Method:

Time: 11:13:06 Site: #7-20-46 DLB, True North

Page: 1

SITE 6119.7

Well (0.00N,0.00E,69.76Azi)

Minimum Curvature

Db: Sybase

Field:

Site:

Well:

DUCHESNE COUNTY, UTAH

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level

Map Zone:

Coordinate System:

Utah, Central Zone

Site Centre

Geomagnetic Model:

baam2006

Site:

#7-20-46 DLB

SECTION 20-T4S-R6W 2250' FNL, 2500' FWL

Site Position:

From: Geographic Position Uncertainty:

0.00 ft 6104.70 ft

7213529.70 ft Northing: Easting: 1895777.29 ft Latitude: Longitude:

40 9.800 N 110 35 12.670 W

North Reference:

True

Grid Convergence:

0.58 deg

Well: #7-20-46-DLB

Ground Level:

Well Position:

+N/-S 0.00 ft +E/-W

Northing: 7213529.70 ft Easting:

Slot Name: Latitude:

40 9.800 N

Position Uncertainty:

0.00 ft 0.00 ft 1895777.29 ft

Longitude:

110 35 12.670 W

Wellpath: 1

Field Strength:

Vertical Section:

Current Datum:

SITE **Magnetic Data:**

52689 nT

Depth From (TVD)

0.00

5/4/2007

+N/-S ft

0.00

Tie-on Depth: Height 6119.70 ft Above System Datum:

0.00

Drilled From:

Declination: Mag Dip Angle:

Surface 0.00 ft Mean Sea Level

12.07 deg 65.88 deg Direction

+E/-W ft

deg 69.76

Plan:

Plan #1

Principal:

Date Composed: Version:

Tied-to:

5/4/2007

From Surface

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	69.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	69.76	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1522.65	10.45	69.76	1519.76	16.44	44.61	2.00	2.00	0.00	69.76	
5224.82	10.45	69.76	5160.48	248.76	674.84	0.00	0.00	0.00	0.00	
6270.13 8492.13	0.00	69.76 69.76	6200.00 8422.00	281.65 281.65	764.06 764.06	1.00 0.00	-1.00 0.00	0.00 0.00	180.00 69.76	PBHL_#7-20-46 DLB

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft		Comment
1000.00	0.00	69.76	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP	
1100.00	2.00	69.76	1099.98	0.60	1.64	1.75	2.00	2.00	0.00		
1200.00	4.00	69.76	1199.84	2.41	6.55	6.98	2.00	2.00	0.00		
1300.00	6.00	69.76	1299.45	5.43	14.73	15.69	2.00	2.00	0.00		
1400.00	8.00	69.76	1398.70	9.64	26.16	27.88	2.00	2.00	0.00		
1500.00	10.00	69.76	1497.47	15.05	40.84	43.52	2.00	2.00	0.00		
1522.65	10.45	69.76	1519.76	16.44	44.61	47.54	2.00	2.00	0.00	HOLD	
1600.00	10.45	69.76	1595.82	21.30	57.78	61.58	0.00	0.00	0.00	HOLD	
1700.00	10.45	69.76	1694.16	27.57	74.80	79.72	0.00	0.00	0.00		
1800.00	10.45	69.76	1792.50	33.85	91.82	97.86	0.00	0.00	0.00		
1900.00	10.45	69.76	1890.84	40.12	108.85	116.01	0.00	0.00	0.00		
2000.00	10.45	69.76	1989.18	46,40	125.87	134.15	0.00	0.00	0.00		
2100.00	10.45	69.76	2087.52	52.67	142.89	152.29	0.00	0.00	0.00		
2200.00	10.45	69.76	2185.86	58.95	159.92	170.44	0.00	0.00	0.00		
2300.00	10.45	69.76	2284.20	65.22	176.94	188.58	0.00	0.00	0.00		

Weatherford International, Ltd. PLAN REPORT

Company: BILL BARRETT CORP DUCHESNE COUNTY, UTAH

Site: Well: #7-20-46-DLB Wellpath: 1

Date: 5/4/2007 Co-ordinate(NE) Reference:

Time: 11:13:06

Page: Site: #7-20-46 DLB, True North

3

#7-20-46 DLB

Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method: SITE 6119.7

Well (0.00N,0.00E,69.76Azi) Minimum Curvature

Db: Sybase

Survey

MID ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
6900.00	0.00	69.76	6829.87	281.65	764.06	814.32	0.00	0.00		
7000.00	0.00	69.76	6929.87	281.65	764.06	814.32	0.00	0.00	0.00 0.00	
7017.13	0.00	69.76	6947.00	281.65	764.06	814.32	0.00	0.00		
7100.00	0.00	69.76	7029.87	281.65	764.06	814.32	0.00 0.00	0.00	0.00	NORTH HORN
7200.00	0.00	69.76	7129.87	281.65	764.06	814.32		0.00	0.00	
7300.00	0.00	69.76	7229.87	281.65	764.06	814.32	0.00 0.00	0.00	0.00	
7400.00	0.00	69.76	7329.87	281.65	764.06	814.32	0.00	0.00 0.00	0.00 0.00	
7500.00							0.00	0.00	0.00	
7500.00 7600.00	0.00	69.76	7429.87	281.65	764.06	814.32	0.00	0.00	0.00	
7700.00	0.00	69.76	7529.87	281.65	764.06	814.32	0.00	0.00	0.00	
7800.00	0.00 0.00	69.76	7629.87	281.65	764.06	814.32	0.00	0.00	0.00	
7900.00	0.00	69.76	7729.87	281.65	764.06	814.32	0.00	0.00	0.00	
. 000.00	0.00	69.76	7829.87	281.65	764.06	814.32	0.00	0.00	0.00	
8000.00	0.00	69.76	7929.87	281.65	764.06	814.32	0.00			
8100.00	0.00	69.76	8029.87	281.65	764.06	814.32	0.00	0.00	0.00	
8200.00	0.00	69.76	8129.87	281.65	764.06	814.32	0.00	0.00	0.00	
8300.00	0.00	69.76	8229.87	281.65	764.06	814.32	0.00	0.00	0.00	
8400.00	0.00	69.76	8329.87	281.65	764.06	814.32	0.00 0.00	0.00	0.00	
0.160						017.02	0.00	0.00	0.00	
8492.13	0.00	69.76	8422.00	281.65	764.06	814.32	0.00	0.00	0.00	PBHL_#7-20-46 DLB

Annotation

MD ft	TVD ft		
1000.00	1000.00	KOP	
1522.65	1519.76	HOLD	
5224.82	5160.48	DROP	
5413.94	5347.00	TOP TGT	
6270.13	6200.00	HOLD	
8492.13	8422.00	PBHL	

Targets

Name	Description Dip.	n Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft		Latitude> Min Sec		ongitude> lin Sec
PBHL_#7-20 -Circle (Ra -Plan hit ta	dius: 200)		8422.00	281.65	764.06	7213819.141	896538.44	40	7 12.583 N	110 35	2.834 W

Bill Barrett Corporation E-bill 1099 18th Street - Suite 2300 Denver, Colorado 80202

Brundage Canyon General

Duchesne County, Utah United States of America

Cementing Recommendation

Prepared for: Dominic Spencer

August 15, 2006 Version: 1

Submitted by:
Pat Kundert
Halliburton Energy Services
1125 17th Street - Suite 1900
Denver, Colorado 80202
+303.886.0839

HALLIBURTON

HALLIBURTON

Job Recommendation

9 5/8" Intermediate

Fluid Instructions Fluid 1: Water Spacer Gelled Water Ahead

Fluid Density:

8.33 lbm/gal

Fluid Volume:

20 bbl

Fluid 2: Primary Cement Premium Plus - Type III

94 lbm/sk Premium Plus - Type III (Cement-api)

0.2 % Versaset (Thixotropic Additive)
2 % Calcium Chloride (Accelerator)

0.25 lbm/sk Flocele (Lost Circulation Additive)

Fluid Weight

14.50 lbm/gal

Slurry Yield: Total Mixing Fluid:

1.43 ft³/sk
6.89 Gal/sk

Top of Fluid: Calculated Fill:

0 ft 750 θ

Volume:

750 ft 66.16 bbl

Calculated Sacks:

66.16 bbl 259.74 sks

Proposed Sacks:

260 sks

HALLIBURTON

Job Recommendation

5 1/2" Production

Fluid Instructions		
Fluid 1: Water Spacer KCL Water Preflush	771.14	
Fluid 2: Lead Cement – (3500 – 750') Halliburton Hi-Fill Modified	Fluid Density: Fluid Volume:	8.33 lbm/gal 10 bbl
94 lbm/sk Type 5 Cement (Cement) 16 % Bentonite (Light Weight Additive) 0.75 % Econolite (Light Weight Additive) 7.5 lbm/sk Gilsonite (Lost Circulation Additive) 2 lbm/sk Granulite TR 1/4 (Lost Circulation Additive) 3 % Salt (Salt) 0.2 % HR-7 (Retarder)	Fluid Weight Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	11 lbm/gal 3.81 ft³/sk 23 Gal/sk 750 ft 2750 ft 106.07 bbl 156.32 sks 160 sks
Fluid 3: Tail Cement – (TD – 3500') Halliburton Light Premium Plus (Type 5) 3 % KCL (Clay Control) 1 % Econolite (Light Weight Additive) 0.5 % Halad(R)-322 (Low Fluid Loss Control) 0.6 % HR-5 (Retarder) 0.25 lbm/sk Flocele (Lost Circulation Additive) 1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)	Fluid Weight Slurry Yield: Total Mixing Fluid: Top of Fluid: Calculated Fill: Volume: Calculated Sacks: Proposed Sacks:	13.50 lbm/gal 1.58 ft ³ /sk 7.77 Gal/sk 3500 ft 6000 ft 232.46 bbl 826.05 sks 830 sks

Well name:

Operator:

Bill Barrett Corporation

String type:

Surface

Location:

Duchesne County, UT

Brundage / Lake Canyon General

Design parameters:

<u>Collapse</u>

Mud weight:

8.60 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

Environment:

H2S considered?

Surface temperature: Bottom hole temperature:

Temperature gradient:

79 °F 1.22 °F/100ft

Minimum section length:

750 ft

No

70.00 °F

Burst:

Design factor

1.10

655 ft

Cement top:

Surface

Burst

Max anticipated surface pressure:

No backup mud specified.

Internal gradient:

303 psi 0.22 psi/ft

Calculated BHP

468 psi

Buttress:

Body yield:

Tension:

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) 1.80 (J) Premium:

1.80 (J) 1.80 (B)

Tension is based on buoyed weight.

Neutral point:

Re subsequent strings:

Non-directional string.

Next setting depth: Next mud weight:

Next setting BHP: Fracture mud wt:

4,283 psi 12.000 ppg 750 ft

Fracture depth: Injection pressure

468 psi

8,500 ft

9.700 ppg

Run	Segment		Nominal						·
Seq	Length (ft)	Size (In)	Weight (Ibs/ft)	Grade	End Finish	True Vert Depth	Measured Depth	Drift Diameter	Internal Capacity
Run	750	9.625	36.00	J-55	ST&C	(ft) 750	(ft) 750	(in) 8.796	(ff°) 53,4
Seq	Collapse Load (psl)	Collapse Strength	Collapse Design	Burst Load	Burst Strength	Burst Design	Tension Load	Tension	Tension
1	335	(psi) 2020	Factor 6.029	(psi) 468	(psi) 3520	Factor 7.53	(Kips) 24	Strength (Kips) 394	Design Factor 16.72 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: July 21,2006

Denver, Colorado

lapse is based on a vertical depth of 750 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. lapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

st strength is not adjusted for tension.

Well name:

Operator:

Bill Barrett Corporation

String type:

Production

Location:

Duchesne County, UT

Design parameters:

Collapse

Mud weight:

9.70 ppg

Design is based on evacuated pipe.

Collapse:

Design factor

Minimum design factors:

Brundage / Lake Canyon General

1.125

1.10

1.80 (J)

1.80 (J)

1.60 (J)

1.50 (J)

8,103 ft

Environment:

H2S considered? Surface temperature:

Bottom hole temperature:

Temperature gradient:

1.22 °F/100ft

Minimum section length:

1,500 ft

2,000 ft

No

70.00 °F

186 °F

Burst Max anticipated surface

No backup mud specified.

pressure:

Internal gradient: Calculated BHP

2,697 psi 0.22 psi/ft

4,787 psi

8 Round STC: 8 Round LTC:

Premium:

Buttress:

Tension:

Burst: Design factor

Body yield:

1.50 (B) Tension is based on buoyed weight. Neutral point:

Cement top:

Non-directional string.

_									
Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth	Measured Depth	Drift Diameter	Internal Capacity
1	9500	5.5	17.00	N-80	LT&C	(ft) 9500	(ft) 9500	(in) 4.767	(ft³) 327,4
Run Seq	Collapse Load	Collapse Strength	Collapse Design	Burst Load	Burst	Burst	Tension	Tension	Tension
1	(psi) 4787	(psl) 6290	Factor 1.314	(psi) 4787	Strength (psi) 7740	Design Factor 1.62	Load (Kips) 138	Strength (Kips) 348	Design Factor 2.53 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 11,2006 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 9500 ft, a mud weight of 9.7 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biexial correction for tension.

Burst strength is not adjusted for tension.

Perforn	l-80 mance	Diameter	T&C	C, Type		F80 Pose, Burs	erforman	ce Properti	ies		J-55 Pr	erformance	Para						
	perty		lb per t		o conaps psi	se, burs	st, <u>l'ensi</u> c	on, 1000 lbs	s Maximu	um Collaps	se Burst	Toroion	Propertie			N-80 Pe	rformance	Para and	•
					þor	psi	. 400		t Set Den	oth, psi			1000 lbs	Maximum		Burst,	Tornion	Propertie	-6
Compa	irison						Yielo	ld Strengi	ith feet		psi	Pipe Bod		Set Denth	, psi	psi	I CI BIUI I	1000 lbs	•
		4.500	9.50) Short								Yield	Strength	feet	r	hoi	Pipe Bod		
			10.50						6930	3310	4000						Yield	Strength	n
			11.60		••	-0.0			8780	0010			101	5890	3900				_
			11,000) Long	6350	7780			9610			165	132	7000		6380	221	143	
		5.500	14.00	· • •				,	9010	4960	5350	184	162	7760	4940	6970	241	186	
		0.000		4.1011		6210	322	234	2442					1100	6350	7780	267	223	
			15.50	Long	4990	7000		~~~	6440	3120	4270	222	172	7					
			17.00	Long		7740		282	8870	4040	4810	248		5550	3620	6210	322	243	
				-		1170	397	320	10470	4910	5320	2 7 6 273	217	7180	4990	7000	361		
		7.000	20.00	Short	2740	5440						۷/ ن	247	8060	6280	7740	397	306	
			23.00	Long	3830	5440	.00	320	4870	2270	3740					******	387	348	
			26.00	Long		6340	532	428	6810	3270		316	234	4040	2740	5440	400		
•				roug	5410	7240	604	502	9620	4320	4360	366	313	5810	3830	6340	460	331	
		8.625	24.00	Short						40ZU	4980	415	367		5410		532	442	
			28.00	_	1430	4290	555	337	2540	1070					0410	7240	604	519	
			32.00	Long	2160	4930	636	478	2540 3840	1370	2950	381	244	2440	1 400				
			32.00	Long	3050	5710	732	574		1880	3390	437	348		1430 2160	4290	555	346	
80 Dimensio	one .			-		-		V/ T	5420	2530	3930	503	417			4930	636	493	
Torques	and Di		Weight	Thread		Dim	ensions, i	inch		ildalı	- II		_	, 0001	2020	5710	732	591	
Lhaden	anu		T&C,	Туре	Wall	Inside	Drift	Count	A false	IVIAK	e-Up Tor	que	Hydro-					-	-
Hydro-7	est	****** g	lb per ft		Thickness I	Diameter	Diameter	Outside			ft x lbs		Tool						
Pressu	ires —							Diameter	Loss (Optimum 1	Minimum (Maximum Pi	ressure.						
		1.500	0.50					Dictiliciel					psi psi	1. /	API Bullo	ii00 a			
	77.			Short	0.205	4.090	3.965	5.000	0.000				1	Oct	toher too	IIII ⊃U3, 8	Sixth Editio	on,	
				Short	0.224	4.052	3.927	- -	2.000	1380	1040	1730	5800	lieta	ed proper	4 was us	ed to dete	rmine the	a
		7	11.60	Long		4.000	3.875	_	2.625	1790	1340		6400		ag brober	ues.			
	_						0.075	5.000	3.000	2190	1640		7100	2. T	he vertica	al set der	oth was co	monutod	
	5./		14.00	Short	0.244	5.012	4 00=					-1-10	/ 100		19 4 0.UZ	in neri	10 ~-11-		
		1		_	`	4.950	4.887		2.875	2340	1760	2930 5			CHICK ISI	CHOIS OF T	105 4 7		
		1.			.			6.050					700	resp	ectively.	for collan	. 125, 1.0 se, burst ;	and 1.8	
			-	-09	U.3U4 2	4.892	4.767		`		~~ · -		3400	tens	lon.	ioi ooliap	se, bursi ;	and	
	7.0	000 20	0.00	Short	2.000					0000	4010	4190 7	100						
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						6.366					_		000	**1911	" OOOIS	premium	connects	OR1 and	4
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	0.0,				0.264 8	8.097	7.972	9.625 3						strino	i deelane i deelane	9, にろしし	offers cas	sing	
				Long o		· ·			_		2530 4	4210 ag	900	00.00	designs	upon req	juest.		
A STATE OF THE PARTY OF THE PAR		32	2.00 L	•		•				1780 3	_		500						
	THE PERSON NAMED IN	AND DESCRIPTION OF THE PERSON NAMED IN	-	-		.02,	/.0/0 \$	9.625 4.	.500 5				500						

The information and data contained herein are accurate to our knowledge, based upon standard industry calculations. Buyers are encouraged to make their own evaluations of the above derived performance properties for their particular use. The specific warranty applicable to these goods is as contained in IPSCO's Order Acknowledgment, Conditions of Sale.



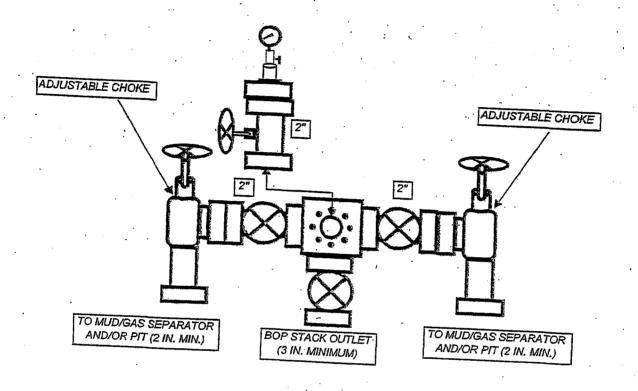
P.O. Box 18 Camanche, Jowa 52730 Phone: (563) 242-0000 Toll Free: 1-800-950-4772

400 505-3rd Street SW Calgary, Alberta T2P 3E6 Phone: (403) 543-8000 Toll Free: 1-877-780-7550

P.O. Box 1670 Regina, Saskatchewan S4P 3C7 Phone: (306) 924-7700

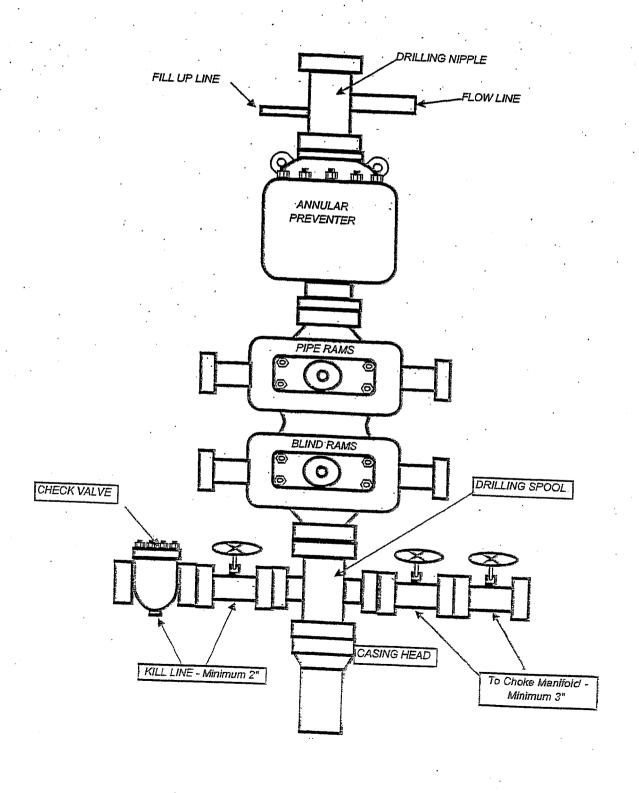
BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



Surface Use Plan for Bill Barrett Corporation's Development Program Lake Canyon Area Duchesne County, Utah

1. Existing Roads:

The Lake Canyon area is located approximately 12 miles southwest of Duchesne, Utah and extends from Township 3 South, Range 10 West to Township 5 South, Range 6 West. The specific location of a particular well pad will be shown on maps and described in the site specific APD.

The use of Skitzy Road is necessary to access the area. Improvements to Skitzy Road and other existing access roads will be noted in the site specific APD's.

2. <u>Planned Access Roads:</u>

Descriptions of new access road(s) will be included in the site specific APD.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advanced with the UDWR

3. <u>Location of Tank Batteries, Production Facilities, and Production Gathering</u> <u>And Service Lines:</u>

The following guidelines will apply if the well is productive:

All permanent (on site for six months or longer) structures constructed or installed will conform to DOGM standards. All facilities will be painted within six months of installation.

A containment dike will be constructed completely around production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, and hold a minimum of 110% of the capacity of the largest tank. Topsoil will not be used for the construction of dike(s).

A description of the proposed pipeline and a map illustrating the proposed route will be submitted with the well site specific APD.

4. Location and Type of Water Supply

The Duchesne City Culinary Water Dock located in section 1, T4S-R5W will be used for water supply for drilling and completion operations. Additional water supply sources will be addressed in the site specific APD, indicating the location and type of water supply.

5. Source of Construction Materials:

All construction materials for this location site and access road shall be borrowed (local) material accumulated during construction of the location site and access road. No construction materials will be removed from UDWR lands. If any gravel is used, it will be obtained from an approved gravel pit.

6. <u>Methods of Handling Waste Materials:</u>

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including any salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed.

Unless otherwise specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not allow discharge of liquids.

If it is determined, at the onsite, that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12-millimeters thick. The liner will overlay a felt-liner pad if rock that might tear or puncture the liner is encountered during excavation. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash, scrap pipe, etc. that could puncture the liner will not be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations. The pit liner will be protected during drilling and completion operations.

Production fluids will be contained in leak-proof tanks. All production fluids will be sold, recycled, or disposed of at approved disposal sites.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical self-contained sanitary-toilet will be onsite during drilling and completions.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The reserve pit fencing will be on three sides before drilling operations start. The fourth side will be fenced as soon as drilling is completed and the rig is removed. The fencing will be maintained until such time as the pits are backfilled.

7. Ancillary Facilities:

Garbage containers and portable toilets are the only ancillary facilities proposed. No additional ancillary facilities are foreseen in the future.

8. Wellsite Layout:

A location layout diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface materials stockpile(s) will be included with the site specific APD and developed through a consultant.

9. Plans for Restoration of the Surface:

The dirt contractor will be provided with an approved copy of the surface use plan and these Standard Operating Procedures prior to commencing construction activities.

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. All reclamation standards will be developed between Bill Barrett Corporation (BBC) and UDWR. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored as near

as possible to its original line of flow.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be cut off at the water or mud line and disposed of at an approved landfill site. The remaining liner will be torn and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting, unless it is determined that this location will be utilized to drill additional wells within 1 year of completing operations.

After the reserve pit has been reclaimed, diversion ditches and water bars will be used to divert precipitation runon/runoff as appropriate.

Prior to the construction of the location, the top 6 inches or maximum available topsoil material will be stripped and stockpiled. Placement of the topsoil will be noted on the location plat attached to the site specific APD. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. When all drilling and completion activities have been completed, the unused portion of the location (area outside the deadmen) will be recontoured and the stockpiled topsoil spread over the area.

If topsoil must be stored for more than one year:

It shall be windrowed on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

It shall be broadcast seeded with the prescribed seed mixture immediately after windrowing. Seed will be drilled on the contour to an appropriate depth and the stockpile then "walked" with a dozer to cover the seed and roughen the soil to prevent erosion.

Mulching may be considered to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw and hay must be certified to be weed-free and the documentation submitted prior to usage.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road will be scarified and left with a rough surface.

UDWR shall be contacted for the required seed mixture. Seed will be drilled on

the contour to an appropriate depth. If broadcast seeded, the amount of seed mixture per acre will be doubled, and a harrow or some other implement will be dragged over the seeded area to assure coverage of the seeds.

At final abandonment, BBC will follow UT-DOGM standards for final well abandonment.

10. Other Information:

The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the BBC field representative to ensure compliance.

The operator will control noxious weeds along applied access road authorizations, pipeline route authorizations, well sites or other applicable facilities

Wells drilled during the fire season (June – October) all appropriate precautions shall be instituted to ensure that fire hazard is minimized, including, but not limited to, controlling vegetation and keeping fire fighting equipment readily available during all drilling and completion operations.

Drilling rigs and/or equipment used during drilling operations on locations will not be stacked or stored on UDWR administered lands after the conclusion of drilling operations or at any other time without permission by the UDWR. If UDWR permission is obtained, such storage will only be temporary measure.

Travel will be restricted to approved travel routes.

11. <u>CERTIFICATION</u>

Reed Haddock Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202

Phone: 303-312-8546 Fax: 303-291-0420

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bill Barrett Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Reed Haddock

DATE: February 27, 2007

Permit Analyst

Bill Barrett Corporation and UDWR Contacts: 12.

BBC Representatives:

Reed Haddock, Regulatory and Permitting; Phone: (303) 312-8546 Scot Donato, Environmental Health and Safety; Phone: (303) 312-8191

Monty Shed, Field Operations; Phone: (307) 262-1511

UDWR Representatives:

Ben Williams, UDWR, Wildlife Resources; Phone: (435) 781-5357 Bill James, UDWR, Wildlife Resources, Manager; Phone: (801) 538-4745

BILL BARRETT CORPORATION

#7-20-46 DLB

LOCATED IN DUCHESNE COUNTY, UTAH SECTION 20, T4S, R6W, U.S.B.&M.

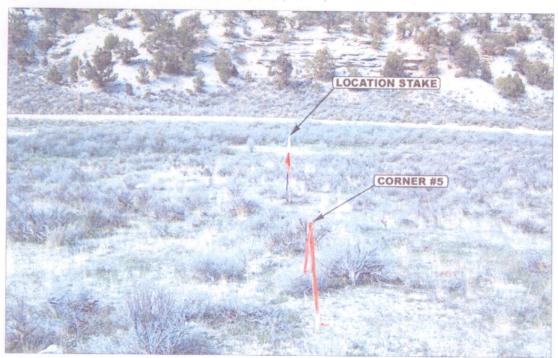


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 Vernal, Utah 84078 uels@uelsinc.com

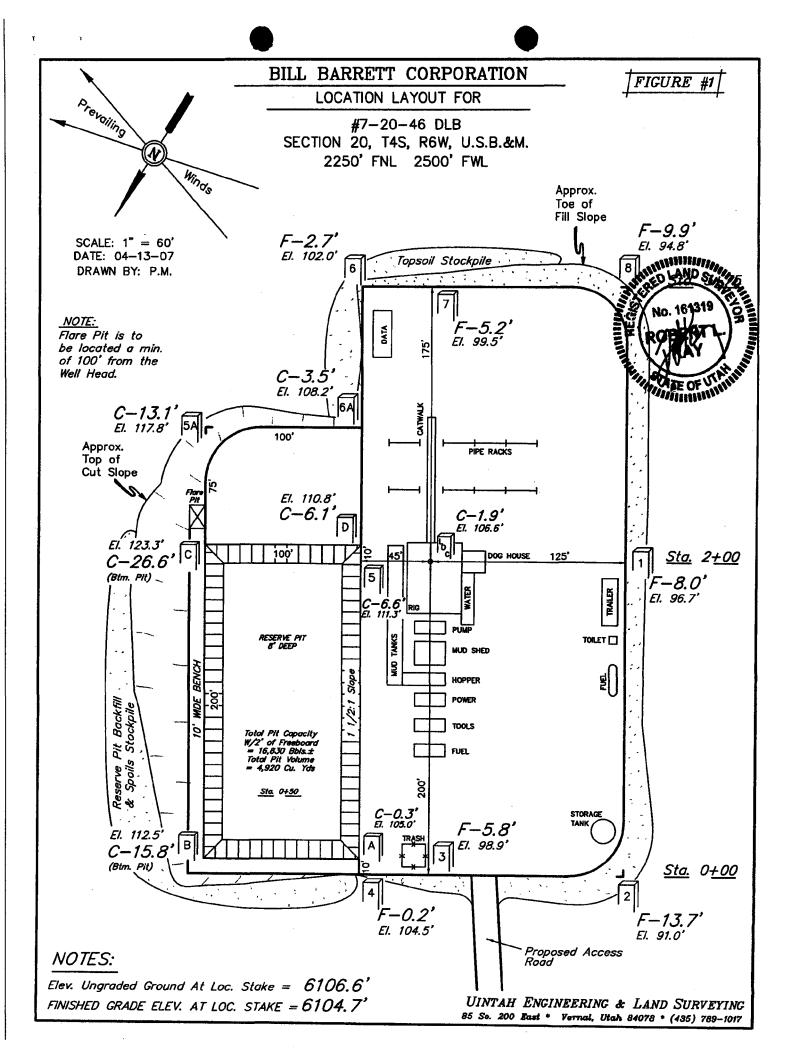
LOCATION PHOTOS

РНОТО

TAKEN BY: D.S.

REVISED: 00-00-00

DRAWN BY: A.A.



X-Section Scale

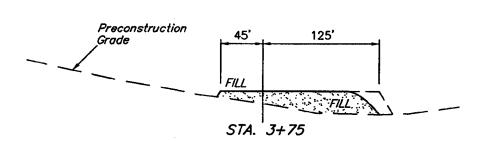
BILL BARRETT CORPORATION

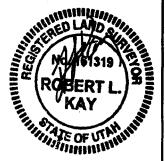
TYPICAL CROSS SECTIONS FOR

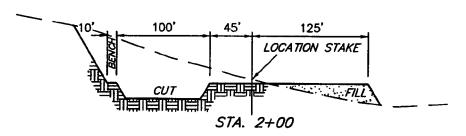
#7-20-46 DLB SECTION 20, T4S, R6W, U.S.B.&M. 2250' FNL 2500' FWL FIGURE #2

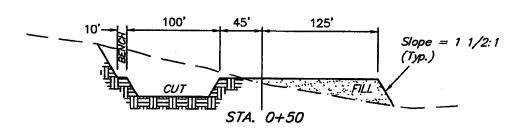
DATE: 04-13-07 DRAWN BY: P.M.

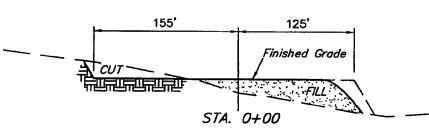
1" = 100'











NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(12") Topsoil Stripping = 4,410 Cu. Yds.

Remaining Location = 18,740 Cu. Yds.

TOTAL CUT = 23,150 CU.YDS.

FILL = 14,090 CU.YDS.

EXCESS MATERIAL

= 9,060 Cu. Yds.

Topsoil & Pit Backfill

= 6,870 Cu. Yds.

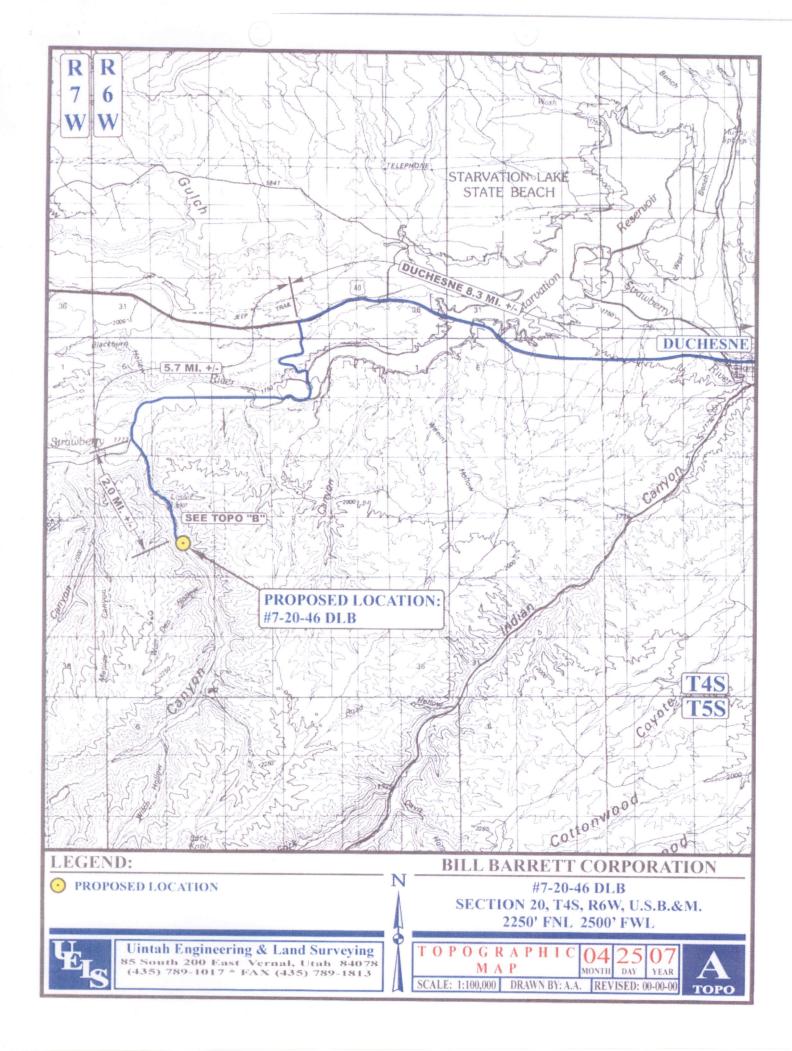
(1/2 Pit Vol.)

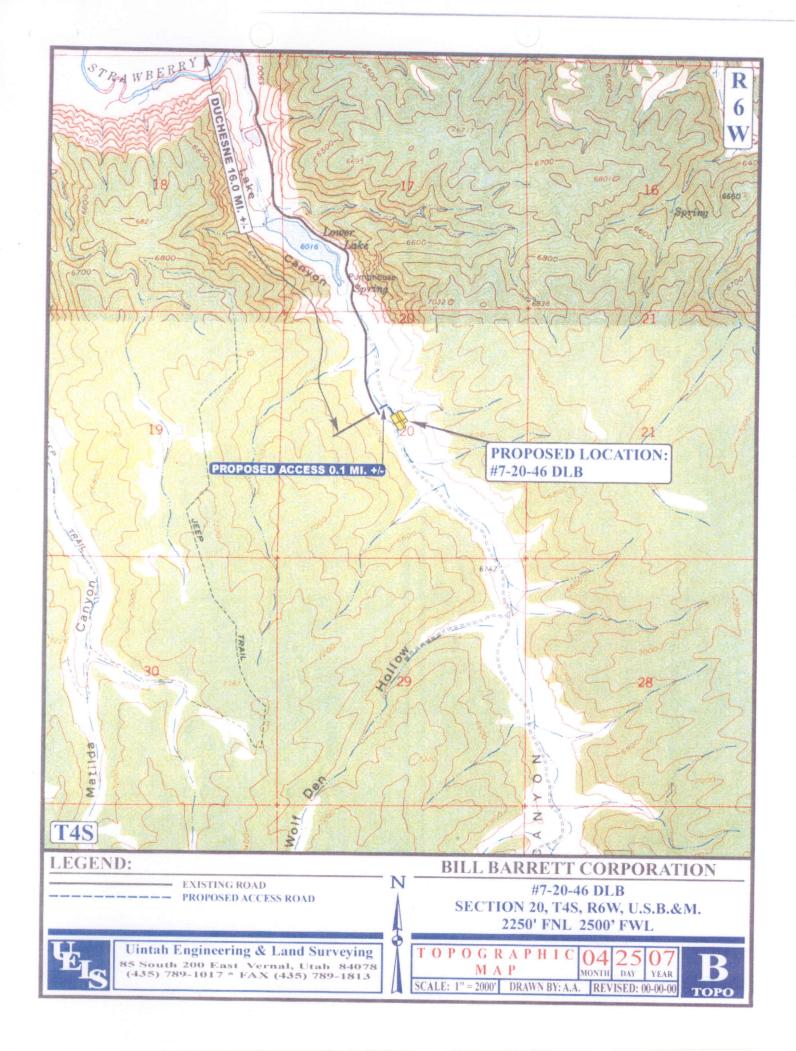
EXCESS UNBALANCE

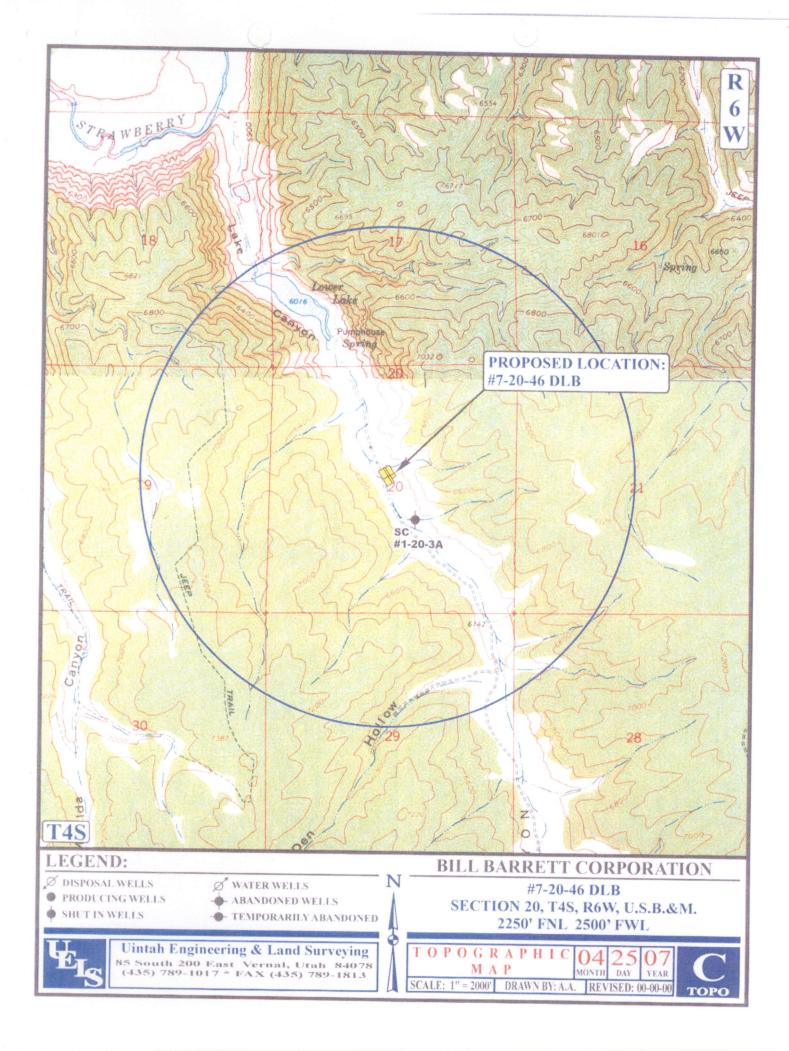
= 2.190 Cu. Yds.

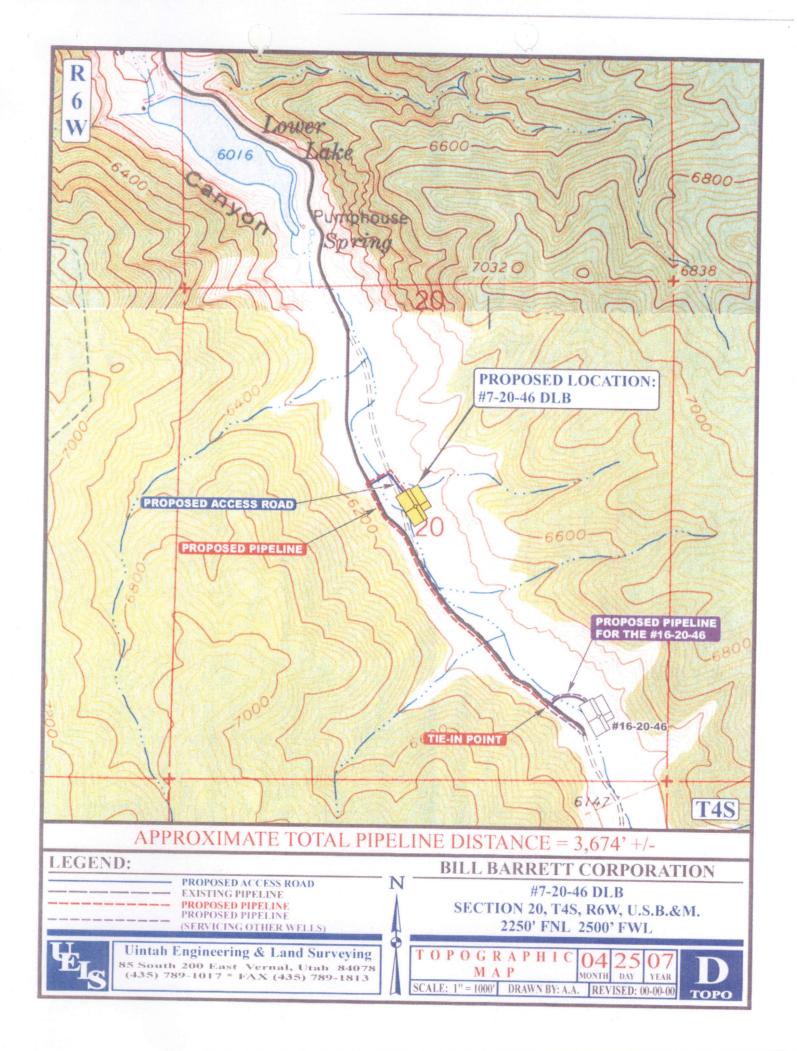
(After Interim Rehabilitation)

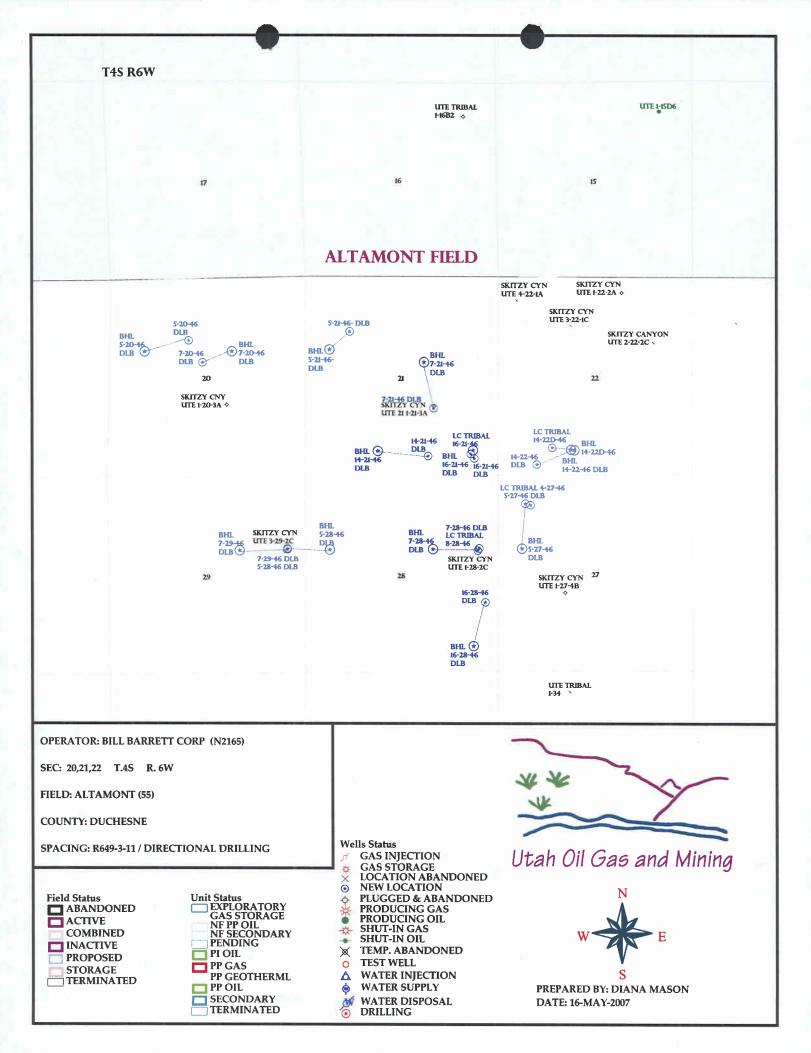
UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017













State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director



GARY R. HERBERT Lieutenant Governor

May 16, 2007

Bill Barrett Corporation 1099 18th St., Suite 2300 Denver, CO 80202

Re:

7-20-46 DLB Well, Surface Location 2250' FNL, 2500' FWL, SE NW, Sec. 20, T. 4 South, R. 6 West, Bottom Location 1980' FNL, 1980' FEL, SW NE, Sec. 20, T. 4 South, R. 6 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33657.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal Office

Operator:	Bill Bar	rett Corporation	
Well Name & Number	7-20-46	DLB	
API Number:	43-013-	33657	
Lease:	14-20-F	162-5500	
Surface Location: SE NW	Sec20_	T. <u>4 South</u>	R. <u>6 West</u>
Bottom Location: SW NE	Sec. 20_	T. <u>4 South</u>	R. <u>6 West</u>
	Conditions of A	pproval	

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



July 13, 2007

Utah Division of Oil, Gas and Mining P.O. Box 145801 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

5-20-46 BTR

Tribal Surface Owner (Ute Indians)/Tribal Minerals

SENW, Section 20-T4S-R6W

Duchesne County, Utah

7-20-46 BTR \checkmark

Tribal Surface Owner (Ute Indians)/Tribal Minerals

SENW, Section 20-T4S-R6W

Duchesne County, Utah

Diana Mason, Permitting - Petroleum Technician:

Enclosed please find a copy of Montgomery Archeological "Cultural Resource Inventory of Bill Barrett Corporation's Proposed Pipeline for # 5-20-46 DLB and #7-20-46 DLB Well Locations, Duchesne County, Utah". The report dated July 5, 2007, states "no historic properties affected" the site (MOCA Report No. 07-104b).

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sinegrely,

Reed Haddock Permit Analyst

Enclosures

RECEIVED
JUL 1 7 2007

43-013-33657

1099 18TH STREET SUITE 2300

DENVER, CO 80202 P 303.293.9100

F 303.291.0420

CULTURAL RESOURCE INVENTORY
OF BILL BARRETT CORPORATION'S
PROPOSED PIPELINE FOR #5-20-46 DLB
AND #7-20-46 DLB WELL LOCATIONS
DUCHESNE COUNTY, UTAH

Jacki A. Montgomery

CULTURAL RESOURCE INVENTORY OF BILL BARRETT CORPORATION'S PROPOSED PIPELINE FOR #5-20-46 DLB AND #7-20-46 DLB WELL LOCATIONS DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

Ute Indian Tribe
Uintah and Ouray Agency

Prepared Under Contract With:

Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants, Inc. P.O. Box 219 Moab, Utah 84532

MOAC Report No. 07-104b

July 5, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-07-MQ-0723i

Ute Tribal Permit No. A07-363

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) in May 2007 for Bill Barrett Corporation's (BBC) proposed pipeline for #5-20-46 DLB and #7-20-46 DLB well locations. The project area is located between Lake Canyon and Skitzy Canyon, southwest of the town of Duchesne, Duchesne County, Utah. The survey was implemented at the request of Mr. Reed Haddock, Bill Barrett Corporation, Denver, Colorado. The project is situated on Ute Tribal land (Uintah and Ouray Agency).

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

An onsite was conducted on May 8, 2007 for BBC's proposed well locations #16-21-46 DLB and #16-28-46 DLB. During this onsite it was decided that a pipeline for proposed well locations #5-20-46 DLB and #7-20-46 DLB required inspection. On June 2, 2007 this pipeline was inventoried by Keith Montgomery with the accompany of Bruce Pargeets (Ute Tribal Technician). The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 07-UT-60122, State of Utah Antiquities Permit (Survey) No. U-07-MQ-0723i, and Ute Tribal Permit No. A07-363 issued to MOAC Archaeological Consultants, Moab, Utah.

A file search for previous archaeological projects and cultural resources was conducted by Marty Thomas at the Division of State History, Salt Lake City, on March 22, 2007. This consultation indicated that several cultural resource inventories have been conducted in the vicinity of the current project area. However, no previously recorded archaeological sites occur in the current inventory area.

In 2005, MOAC conducted a cultural resource inventory of Bill Barrett Corporation's Lake Canyon 3D seismic program (Montgomery and Freudenberg 2005). The inventory resulted in the documentation of seven historic sites (42Dc2035-42Dc2041) consisting of homesteads, habitations, a temporary camp, a brush corral, and trash scatters. Also in 2005, MOAC conducted a cultural resource inventory of 737 acres near Skitzy Canyon for the State of Utah Division of Wildlife Resources (Montgomery and Simon 2005). The inventory resulted in the documentation of three historic sites (42Dc1992-42Dc1994) consisting of a gilsonite mine, a camp, and a trash scatter. In 2006, MOAC conducted a cultural resource inventory of Bill Barrett Corporation's seven proposed Lake Canyon well locations, which resulted in the documentation of no archaeological sites (Montgomery 2006). In 2007, MOAC completed an inventory for Bill Barrett Corporation's proposed #5-20-46 DLB, #7-20-46 DLB, #7-21-46 DLB, #16-21-46 DLB, and #16-28-46 DLB well locations with associated access/pipeline corridors (Jendresen 2007a). No cultural resources were identified during this project. During the same year, MOAC surveyed Bill Barrett Corporation's 16-20-46 DLB, #5-21-64 DLB, #14-21-46 DLB, #14-22-46 DLB, #14-33-46 DLB, #16-33-46 DLB, and #14-34-46 DLB well locations. The inventory resulted in the location of a historic brush corral (42Dc2301) which occurs outside the current project area (Jendresen 2007b).

DESCRIPTION OF PROJECT AREA

The project area lies between Lake Canyon and Skitzy Canyon, south of the Strawberry River, Duchesne County, Utah. The proposed pipeline for BBC's #5-20-46 DLB and #7-20-46 DLB well locations extends along Lake Canyon in Township 4S, Range 6W, Section 20 (Figure 1).

The project area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, and is the northernmost extension of the Colorado Plateau. Geologically, the area consists of the Tertiary age Uinta formation, which is basically "gravel, sand and silt washed south off the Uinta Mountains" (Chronic 1990:45). The area is characterized by steep-sided narrow ridges and benches dissected by intermittent drainages. Outcrops of the Uinta formation are characterized by a dense dendritic drainage pattern and topographic relief. This Eocene-age formation occurs as fluvial deposited interbedded sandstone and mudstone and is well-known for its fossil vertebrates.

Specifically, the project area lies between Lake Canyon and Skitzy Canyon, south of the Strawberry River. The elevation averages 6180 ft asl. Soils consist of yellow-brown fine sands in alluvial deposits more than one meter in depth. The project area is in the Upper Sonoran lifezone, and vegetation communities include the pinyon-juniper woodland, sagebrush, rabbitbrush, shadscale, cheatgrass, Indian ricegrass, prickly pear, hedgehog yucca, Indian paintbrush, and barrel cactus. Modern impacts include ranching activities, roads, recreational activities, and oil and gas development.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The proposed pipeline corridor was surveyed to a width of 31 m (100 ft) by the archaeologist walking parallel transects spaced no more than 10 m (33 ft) apart. Ground visibility was considered good. A total of 7.3 acres was surveyed for cultural resources on Ute Tribal lands (Uintah and Ouray Agency).

RESULTS AND RECOMMENDATIONS

The inventory of Bill Barrett Corporation's proposed pipeline for #5-20-46 DLB and #7-20-46 DLB well locations resulted in no cultural resources. Based on this finding, a determination of "no historic properties affected" is recommended for the undertaking pursuant to Section 106, CFR 800.

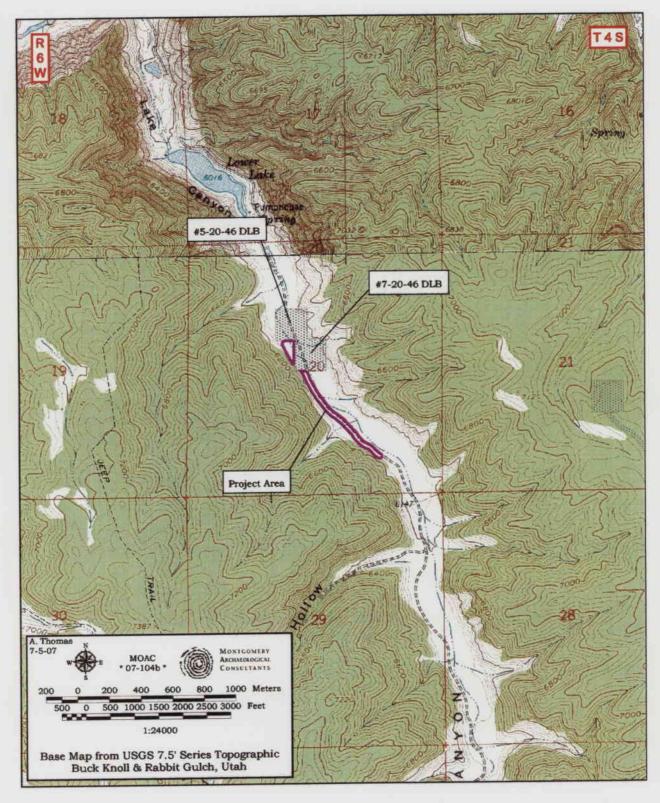


Figure 1. Bill Barrett Corporation's Proposed Pipeline for #5-20-46 DLB and #7-20-46 DLB Well Locations, Duchesne County, Utah.

REFERENCES CITED

Chronic, H.

Roadside Geology of Utah. Mountain Press, Missoula, Montana. 1990

Jendresen, A.

Cultural Resource Inventory of Bill Barrett Corporation's Five Proposed DLB Well 2007a Locations (T4S, R6W, Sections 20, 21 and 28), Duchesne County, Utah.

Montgomery Archaeological Consultants, Moab, Utah. Report No. U-07-MQ-

0384i,s.

Cultural Resource Inventory of Bill Barrett Corporation's Seven Proposed DLB Well 2007b

Locations (T4S, R6W, Sec. 20, 21, 22, 34 and T5S R6W, Sec. 4), Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No.

U-07-MQ-0423i,s.

Montgomery, J.A.

Cultural Resource Inventory of Bill Barrett Corporation's Proposed Seven Lake 2006 Canyon Well Locations in Duchesne County, Utah. Montgomery Archaeological

Consultants, Moab, Utah. Report No. U-06-MQ-1655i,p,s.

Montgomery, J.A., and K. Freudenberg

Cultural Resource Inventory of Bill Barrett Corporation's Lake Canyon 3D Seismic 2005 Program, Duchesne County, Utah. Montgomery Archaeological Consultants, Moab,

Utah. Report No. U-05-MQ-0365i,s,p.

Montgomery, K. and K. Simon

Cultural Resource Inventory of 737 Acres Near Skitzy Canyon, T4S, R6W, Sec. 14, 2005 23, & 26, for the State of Utah Division of Wildlife Resources, Duchesne County,

Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-05-MQ-

0371s.

Stokes, W.L.

Geology of Utah. Utah Museum of Natural History and Utah Geological and Mineral 1986

Survey. Salt Lake City.

Form 3160-3 (April 2004) (April				FORM APP OMB No. 10 Expires March 5. Lease Serial No.	04-0137 h 31, 2007	
PT. OF THE LAND MGS. BUREAU OF LAND MAN APPLICATION FOR PERMIT TO	NAGEMEN'	Γ		BIA 14-20-H62-5: 6. If Indian, Allotee or UTE INDIAN TR	Tribe Name	
la. Type of work: DRILL REENT	ER			7 If Unit or CA Agreeme	ent, Name and No.	
lb. Type of Well: ☐ Oil Well ✓ Gas Well ☐ Other	✓s	ngle Zone Multi	ple Zone	8. Lease Name and Well # 7-20-46 DLB	No.	
2. Name of Operator BILL BARRETT CORPORATION	43.0	13.336	57	9. API Well No. Pending		
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202	1). (include area code) 312-8546		10. Field and Pool, or Expl	oratory [.]	
4. Location of Well (Report location clearly and in accordance with an At surface SENW, 2250' FNL, 2500' FWL	ny State requirer	neris.*)		11. Sec., T. R. M. or Blk.a	·	
At proposed prod. zone SWNE, 1980' FNL, 1980' FEL			···. <u>·</u>	Section 20-T4S-R		
 Distance in miles and direction from nearest town or post office* Approximately 16.1 miles southwest of Duchesne, Utah 				12. County or Parish Duchesne	13. State	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) 2250' SHL; 1980' BHL	16. No. of :	icres in lease	17. Spacir	ng Unit dedicated to this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1000' (abandoned well)	Distance from proposed location* 19. Proposed Depth 20. BLN to nearest well, drilling, completed		l	/BIA Bond No. on file onwide Bond #WYB000040		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6107' ungraded ground	22. Approxi	mate date work will star 07/01/2007	l rt*	23. Estimated duration 45 days	<u>, , , , , , , , , , , , , , , , , , , </u>	
	24. Atta					
the following, completed in accordance with the requirements of Onshord. Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be fited with the appropriate Forest Service Office).	Lands, the	Bond to cover the stem 20 above). Operator certification.	he operation sation	ns unless covered by an exis	be required by the	
ide KUIA HAAGOCK	ı	Reed Haddock		D40	05/14/2007	
						
Permit Analyst	I Name	(Printed/Typed)		Dat		
•		RADIN KENNOFA			-27- <i>2007</i>	
Assistant Field Manager		ERRY KENCEKA				
Approved by (Signature)	Office		ts in the sub	jectlease which would entitle		

*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED
JUL 3 1 2007

DIV. OF OIL, GAS & MINING





UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

VERNAL FIELD OFFICE

170 South 500 East **VERNAL, UT 84078** (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: **Bill Barrett Corporation** Location:

SESW, Sec 20, T4S, R6W (Surface)

SWNE, Sec 20, T4S, R6W (Bottom)

Well No:

Ute Tribal 7-20-46 DLB

Lease No:

14-20-H62-5500

API No: 43-013-33657 Agreement: EDA

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	
		Eox: (425) 781 4410	

Fax: (435) 781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration. NOTIFICATION REQUIREMENTS

The Ute Tribe Energy & Minerals Dept. shall be notified in **Construction Activity** writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. Upon completion of the pertinent APD/ROW construction, **Construction Completion** notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Twenty-Four (24) hours prior to spudding the well. Spud Notice (Notify Petroleum Engineer) Twenty-Four (24) hours prior to running casing and cementing Casing String & Cementing (Notify Supv. Petroleum Tech.) all casing strings. Twenty-Four (24) hours prior to initiating pressure tests. **BOP & Related Equipment Tests** _ (Notify Supv. Petroleum Tech.) Within Five (5) business days after new well begins or First Production Notice production resumes after well has been off production for more (Notify Petroleum Engineer) than ninety (90) days.

COAs: Page 2 of 8 Well: 7-20-46-DLB

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

SURFACE COAs:

- A <u>3646.32' by 30'</u> foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

COAs: Page 3 of 8 Well: 7-20-46-DLB

• The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.

- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Additional Conditions of Approval

- Paint tanks Olive Black.
- Construct diversion ditch around pad as referenced on cut-sheet.

COAs: Page 4 of 8 Well: 7-20-46-DLB

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE COAs:

- Use 1" tubing to cement top 100 feet of surface casing with class G neat cement (1.18 cubic feet per sack).
- The top of the production casing cement shall extend a minimum of 200 feet above the 9 5/8 inch surface casing shoe.
- All casing strings below the conductor shall be pressure tested to 0.22 psi/ft or 1500 psi, whichever is greater, but not to exceed 70% of the internal yield strength of the casing.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

COAs: Page 5 of 8 Well: 7-20-46-DLB

• The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 6 of 8 Well: 7-20-46-DLB

OPERATING REQUIREMENT REMINDERS:

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the

COAs: Page 7 of 8 Well: 7-20-46-DLB

well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future
 meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal
 Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and
 the AGA standards for natural gas measurement. All measurement points shall be identified as the point
 of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 8 of 8 Well: 7-20-46-DLB

Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

			ENTITY ACTION	N FORM			<u> </u>	
perator:	Bill Ba	rrett Corporation		Ope	rator Ac	count Nu	mber: N	12165
ddress:	1099 1	8th Street, Suite 2300						
	city De	enver						
	state (zip 80202		Р	hone Nu	mber: _(303) 312-8546
Vell 1 API Nu	ımber	Well	Name	QQ	Sec	Twp	Rng	County
43013		# 7-20-46 DLB		SENW	20	48	6W	Duchesne
Action	Code	Current Entity Number	New Entity Number	s	pud Da	te		ity Assignment ffective Date
A	\	99999	16584	1	2/28/200)7	121	31 /07
NHORI Nell 2	9 . S. T.	on 12/28/2007 as previor らてこ		BH = :	SW M	* C		
API Nu	ımber	Well	Name	QQ	Sec	Twp	Rng	County
Action	Code	Gurrent Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Commen	its:							
Well 3 API Nu	umber	Well	Name	QQ	Sec	Twp	Rng	County
Action	Code	Current Entity Number	New Entity Number	S	pud Da	te		tity Assignment Effective Date
Commen	its:	<u>. I </u>	<u> </u>					

(5/2000)

E - Other (Explain in 'comments' section)

DEC 27 2007

RECEIVED

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Bill Barrett	Corp	
Well Name: 7-20-46 DLB		
API No: 43-013-33657	Lease Type: Indian	
Section 20 Township 04S	_Range_06W_County_Duchesne	
Drilling Contractor Craig's Rou	stabout Services Rig #_ 3	
SPUDDED:		
Date _12-27-07		
Time 8:00 AM		
How_Dry		
Drilling will Commence:		
Reported by John Findlay		
Telephone #		
Date 12-31-07	SignedRM	

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED
OMB No. 1004-	0137
Evniree: Inly 31	201

5. Lease Serial No. BIA 14-20-H62-5500

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

	orm for proposals : Use Form 3160-3 (A				Ute Indian Tribe		
	T IN TRIPLICATE – Other	r instructions on pa	ge 2.		7. If Unit of CA/Agr	eement, Na	me and/or No.
1. Type of Well Oil Well Gas W	Vell Other				8. Well Name and No	0.	·· ······························
	Vell Other	4			# 7-20-46 DLB 9. API Well No. 43-013-33657		
Name of Operator Bill Barrett Corporation 3a. Address		3b. Phone No. (inc	hida araa aada)		43-013-33657 10. Field and Pool or	Evalorator	77. A 700
1099 18th Street, Suite 2300, Denver, CO 8020	2	(303) 312-8546	iude area code)		Altamont	Explorator	ry Alea
4. Location of Well (Footage, Sec., T.,, 2250' FNL x 2500' FWL SE/4, NW/4, Section 20, T4S, R6W	R.,M., or Survey Description)		,	11. Country or Parish Duchesne County,		
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO INDICA	TE NATURE C	F NOTIC	E, REPORT OR OTI	HER DATA	1
TYPE OF SUBMISSION			TYPE	OF ACT	ION		
Notice of Intent ✓ Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture T New Cons Plug and A	truction Abandon	Recla Recon	action (Start/Resume) imation implete forarily Abandon ir Disposal	□ w	/ater Shut-Off /ell Integrity ther Weekly Drilling Report
following completion of the involv testing has been completed. Final determined that the site is ready for Weekly drilling report from 2/1/08 - 2	Abandonment Notices must in final inspection.)	-	-	•		,	
Name (Printed/Typed) Reed Haddock		Titl	e Permit Ana	lyst			
Signature XIII A TI	addock	Dat	e 02/04/2008				
	THIS SPACE	FOR FEDERA	L OR STAT	E OFF	ICE USE		
Approved by			Title			Date	
Conditions of approval, if any, are attached that the applicant holds legal or equitable ti entitle the applicant to conduct operations to	tle to those rights in the subject		- 				
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or representations.	J.S.C. Section 1212, make it a sentations as to any matter wit	crime for any person thin its jurisdiction.	knowingly and v	villfully to	make to any department	CEN	Title Duited States any false,

(Instructions on page 2)

FEB 0 6 2008

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

Operations Date: 2/4/2008

Report #: 19

Depth At 06:00:

244.00

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Estimated Total Depth:

NOTIFED BOTH UTAH AND BLM OF UP COMING

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

0 Days From Spud:

Morning Operations : PU DIR. TOOLS/ REPAIR RIG

Remarks:

NO LTA IN 32 DAYS

WATER 9780 BBLS

DIESEL 3780 GAL **USED 1228**

TOTAL USED 2500

SPUD & CASING JOB

Time To RIG UP Description

8:00 AM

STAND COND WELD ON & FLANGE FOR FLOW LINE 4:00 PM

4:30 PM

DRLG, CEMENT F/21' TO 78'

5:00 PM

RIG SERVICE

8:00 PM

DRILL RAT HOLE

12:30 AM

DRLG, CEMENT F/78' TO 236'

1:30 AM

HOLE CAVED IN REAM & CLEAN HOLE

2:30 AM

DRLG FORMATION 236 TO 244

3:00 AM

CIRC CLEAN

5:00 AM

POOH F/ DIR.TOOLS & PDC

6:00 AM

PU DRI TOOLS Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Operations Date: 2/3/2008

Report #: 18

API #/License **Bottom Hole Display** SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00: Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

Morning Operations: RIG UP

Remarks:

Time To

Description

NO LTA IN 31 DAYS

6:00 PM

MOVE IN RIG UP MOVE CAMPS FINNISH W/ TRUCKS & CRANE

DIESEL 5008 GAL

6:00 AM

RIG UP FLOOR TONG WINTERIZING GAS BUSTER

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Operations Date: 2/2/2008

Report #:

API #/License **Bottom Hole Display** SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00: Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

Morning Operations: RIG UP

Remarks:

Time To

Description

NO LTA IN 30 DAYS

6:00 PM

MOVE RIG 6 TRUCKS A CRANE & A ROAD GRADER TO

KEEP ROAD OPENED

6:00 AM

SHUT DOWN FOR NIGHT

Phase/Area: Brundage Canyon/I

Operations Date: 2/1/2008

Report #:

Well: #7-20-46 DLB

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00:

Estimated Total Depth: 8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

Morning Operations : RIG UP

Remarks:

Time To

Description

NO LTA IN 29 DAYS

6:00 PM

MOVE RIG 6 TRUCKS A CRANE & A ROAD GRADER TO KEEP ROAD OPENED GOT DOZER TO BACK FILL 3' OF PIT

FOR RIG PITS

6:00 AM

SHUT DOWN FOR NIGHT

Bottom Hole Display

SWNE-20-4S-6W-W30M

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/I

API #/License

43-013-33657

Operations Date: 1/31/2008

Report #:

Depth At 06:00:

Estimated Total Depth: 8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

Morning Operations: MOVE RIG

Remarks:

Time To

Description

NO LTA IN 28 DAYS

6:00 PM

RIG DOWN MOVE RIG 6 TRUCKS & A CRANE DRK OVER AT

2:30 PM

6:00 AM

RIG IDLE FOR NIGHT

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPRO	VED
OMB No. 1004-	0131
Evniros Inly 21	201

5. Lease Serial No. BIA 14-20-H62-5500

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.			n Is.	6. If Indian, Allottee or Tribe Name Ute Indian Tribe		
SUBMI	T IN TRIPLICATE – Othe	r instructions on page 2.		l .	ement, Name and/or No.	
1. Type of Well		——————————————————————————————————————		N/A		
Oil Well	Vell Other			8. Well Name and No. # 7-20-46 DLB	•	
Name of Operator Bill Barrett Corporation				9. API Well No. 43-013-33657		·
3a. Address 1099 18th Street, Suite 2300, Denver, CO 8020		3b. Phone No. (include area co	ode)	10. Field and Pool or I	Exploratory Area	
1099 Toll Tolleet, Suite 2500, Denver, CO 8020	72	(303) 312-8546		Altamont	•	
4. Location of Well (Footage, Sec., T., 2250' FNL x 2500' FWL	R.,M., or Survey Description	1)		11. Country or Parish,	State	
SE/4, NW/4, Section 20, T4S, R6W				Duchesne County, (Utah	
12. CHEC	K THE APPROPRIATE B	OX(ES) TO INDICATE NATUR	E OF NOTIC	E, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION		TY	PE OF ACT	ION		
Notice of Intent	Acidize	Deepen Deepen	Produ	action (Start/Resume)	Water Shut-Off	
	Alter Casing	Fracture Treat	Recla	ımation	Well Integrity	
✓ Subsequent Report	Casing Repair	New Construction	Reco	mplete	✓ Other Weekly Drilling	
• • • • • • • • • • • • • • • • • • •	Change Plans	Plug and Abandon	Temp	orarily Abandon	Report	
Final Abandonment Notice	Convert to Injection	Plug Back	Wate	r Disposal		
13. Describe Proposed or Completed O the proposal is to deepen directions Attach the Bond under which the v following completion of the involv testing has been completed. Final determined that the site is ready for	ally or recomplete horizonta work will be performed or pred ed operations. If the operat Abandonment Notices must	lly, give subsurface locations and ovide the Bond No. on file with I ion results in a multiple completion	measured an BLM/BIA. R	d true vertical depths o equired subsequent rep letion in a new interval	of all pertinent markers and zones. ports must be filed within 30 days a Form 3160-4 must be filed once	If
Weekly drilling report from 2/4/08 - 2	2/11/2008.					

RECEIVED

		FEB 1 4 5008
		DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		DIV. OF OIL, CAS &
B. 111 it is "// /	le Permit Analyst	
Signature Lold Haddock Da	te 02/11/2008	
THIS SPACE FOR FEDERA	L OR STATE OFFICE U	SE
Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certificate that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	knowingly and willfully to make to	any department or agency of the United States any false,
(Instructions on page 2)		

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

Directional drill f/ 3630'ft to 3877'ft

Directional drill f/ 3877'ft to 4402'ft

POOH f/ bit & MM.Check MWD tools

Phase/Area: Brundage Canyon/L

API #/License

Operations Date: 2/11/2008

Report #:

Depth At 06:00:

4402.00

SWNE-20-4S-6W-W30M 43-013-33657

7

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Ria service

Days From Spud:

Description

Circulate BU/Flow check well-Build trip pill,pump pill.blow down kelly

Morning Operations : Drilling ahead

Time To

1:00 PM

1:30 PM

2:30 AM

4:00 AM

6:00 AM

Remarks:

DSLTA-39 DAYS

SAFETY MEETINGS :First aid;Tripping pipe

(267) JTS 4.5" DP. (24) 6 1/2"DC's

(5)8" DC (30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole) (1)Hunting .16 AKO/6.5"OD S/n 6142

FÚEL:3204 GAL USED:1606GAL

TOTAL FUEL USED:12,282 GAL

Boiler24 HRS

Daily water hauled:780bbl

Total water hauled:13,380 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Accum:2600 psi Man:1100psi Ann:1500 psi

Report by Decision Dynamics Technology Ltd. Wellcore

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

SWNE-20-4S-6W-W30M

Phase/Area: Brundage Canyon/L

API #/License

43-013-33657

6

Operations Date: 2/10/2008

Report #: 25

Depth At 06:00: 3630.00

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud:

Morning Operations : Drilling ahead

Time To

Description

12:30 PM

Directional drill f/2517'ft to 2888'ft

1:00 PM

Ria service

6:00 AM

Directional drill f/ 2888'ft to 3630'ft

Remarks:

DSLTA- 38 DAYS

SAFETY MEETINGS :Pipe racks;Scrubbing

(267) JTS 4.5" DP.

(24) 6 1/2"DC's (5)8" DC (30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(61 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142

FÚEL:4630 GAL

USED:1571GAL

TOTAL FUEL USED:10,676 GAL

Boiler24 HRS

Daily water hauled:0bbl

Total water hauled:12,600 bbls

BOP Drills:Crew1: 60 sec Crew2:

Accum:2600 psi Man:1100psi

Ann:1500 psi

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

API #/License

43-013-33657

Operations Date: 2/9/2008

Report #: 24

Depth At 06:00:

2517.00

Estimated Total Depth: 8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud:

5

Morning Operations : Drilling ahead

-	_
lime	
111110	

Description

1:00 PM

Directional drill f/ 1591'ft to 1869'ft

Bottom Hole Display

SWNE-20-4S-6W-W30M

1:30 PM

Ria service

5:00 PM

Directional drill f/ 1869'ft to 2023'ft

6:00 PM

Lost 1/2 returns @ flowline.Mix LCM to gain full returns.Lost 90bbls

to formation.

6:00 AM

Directional drill f/ 2023'ft to 2517'ft

Remarks:

DSLTA-37 DAYS

SAFETY MEETINGS : Drilling ahead; slip&tong dies

(267) JTS 4.5" DP. (24) 6 1/2"DC's

(5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(38.5 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142

FÚEL:1700 GAL

USED:1641GAL

TOTAL FUEL USED:9105 GAL

Boiler24 HRS

Daily water hauled:2020bbl

Total water hauled:12,600 bbls BOP Drills:Crew1: 60 sec Crew2:

Accum:2800 psi

Man:1500psi

Ann:1200 psi

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Operations Date: 2/8/2008

Report #: 23

8492.00

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00: 1591.00 Estimated Total Depth:

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

Morning Operations : Drilling ahead

Description Directional drill f/1065'ft to 1375'ft

12:30 PM 1:00 PM

Time To

Rig service

4:00 PM

Directional drill f/ 1375'ft to 1499'ft-Condensate,oil &tar to surface.Small flow on connections-raise mud wt to 8.6#

12:30 AM

Circulate & raise mud wt to TOH-MWD failure-Flow check had 1"stream flow.Raise MW to 9.4 to kill flow.Mix 35bbl 10# pill.Pump &

spot on backside to kill flow

2:00 AM

Blow down kelly & set back.POOH f/MWD

2:30 AM

Change emitter sub/MWD antenna.Surface test/OK

3:30 AM

4:00 AM

Circulate bottoms up-3450 units trip gas-Not on buster.

6:00 AM

Directional drill f/1499'ft to 1591'ft

Remarks:

DSLTA-36 DAYS

SAFETY MEETINGS:

(267) JTS 4.5" DP.

(24) 6 1/2"DC's (5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(16 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142

FÚEL:3342 GAL

USED:1194GAL

TOTAL FUEL USED:7464 GAL

Boiler24 HRS

Daily water hauled:2020bbl Total water hauled:12,600 bbls BOP Drills:Crew1: 60 sec Crew2:

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

Operations Date: 2/7/2008

Report #: 22

Depth At 06:00 : 1065.00

8492.00

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

3

Estimated Total Depth:

Surface Location: SENW-20-4S-6W-W30M

TIH to 1010'ft.

Directional drill f/ 1010'ft to 1065'ft

Spud Date : 2/4/2008

Days From Spud:

Morning Operations : Drilling ahead

4:00 AM

6:00 AM

Time To	Description
7:00 PM	Testing BOP's;Blind rams would not test,had fluid leaking from weep hole on ram shaft seal area.Called Weatherford BOP technician to fix.Injected Teflon grease.Retest.OK;2"killline check valve would not test,replace check & retest OK.;4"HCR bonnet seal leaking,tighten down.Retest OK.Test Annular & casing to 1500psi.Perform accumulator test.Passed.Install wear bushing.Methanol 4" choke line & manifold.BLM witnessed test/Glade Rich,BLM rep.
9:00 PM	TIH w/6.5" DC and Laydown DC's
9:30 PM	MU/8.75" Milltooth bit,MM,Directional BHA,SWDP.TIH to 928'ft-Tag cement
1:30 AM	Drill cement,float collar,43'ft cement,guide shoe @971'ft.Drill 10'ft new formation to 1010'ft.Circulate 8.7#mud around,displacing water-Perform EMW test to 13.4# mw
2:30 AM	POOH to PU/8.75"PDC bit
3:00 AM	Set AKO to 1.5 degrees, install MWD antenna, orient directional tools.

Remarks:

DSLTA-35 DAYS

SAFETY MEETINGS : Testing BOP;LDDC

(267) JTS 4.5" DP. (24) 6 1/2"DC's (5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(2 hrs-ln hole) (1)Hunting .16 AKO/6.5"OD S/n 6142

FÚEL:4536 GAL

USED:1194GAL TOTAL FUEL USED:6270 GAL

Boiler24 HRS

Daily water hauled:520bbl

Total water hauled:10,580 bbls

BOP Drills:Crew1: Accum:2700 psi Man:1500psi Ann:1250 psi

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

Operations Date: 2/6/2008

Report #: 21

1000.00

Depth At 06:00 : Estimated Total Depth:

8492.00

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

2

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

Morning Operations: Testing BOP's

3:00 AM

6:00 AM

Time To	Description				
7:00 AM	Circulate & condition to run 9.625" surface casing				
9:00 AM	Pump dry job,set kelly back,blowdown & winterize,POOH;LD 8" DC				
12:00 PM	RU/Franks Casing service/Held safety meeting w/ rig crews;Run 971'ft(23jts)9.625 36# J55 surface casing.Land in hanger;Install circulating head & circulate casing.RD Franks Casing Service.				
4:00 PM	RU/HES Cementers;Held safety meeting w/ rig crews;Mix & pump 20bbls Super Flush,10bbls fresh,240sx Lead cement & 180sx Tail cement;Drop wiper plug & pump 72bbls displacement,plug down @ 16:00hrs.Shut down to watch cement for fall back.				
6:00 PM	Wash out conductor & nipple down conductor,unscrew landing joint and laydown				
12:00 AM	RU/HES to 1" backside of casing.Pump 6bbls to fill backside.Wait 30 min.Cement fell back out of site.Pump 6bbls to fill backside.Wait 1 hr.Cement fell back out of site.Mix &pump 10bbls Cmt with 2% CaCl topout .Shut down &wait 1 hr.Cement fell back out of site. Mix & pump 10bbls cmt with 3% CaCL topout.Cement stayed at surface.RD/HES Cement.Cement job witnessed by BLM on location.				

Test BOP's:Upper & lower kelly valves,FOFV,dart valve,check

Services. Test witnessed by John Bowen/BLM

valve,pipe rams,blind rams & choke manifold to 5000#psi.Annular preventer & casing to 1500#psi.Tester was Single Jack

NU/BOP & choke manifold.

Remarks:

DSLTA-34 DAYS

SAFETY MEETINGS :Run casing/Cementing;NU BOP's

(267) JTS 4.5" DP. (24) 6 1/2"DC's (5)8" DC's

(30)4" SWDP-Rental Knight Oil Tools

Mudmotors: (2)Hunting **FÚEL:5730 GAL** USED:1158GAL

TOTAL FUEL USED: 5076 GAL

Boiler24 HRS

Daily water hauled:0bbl Total water hauled:10,060 bbls

BOP Drills:Crew1:

Accum: psi Man: psi Ann: psi

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

SWNE-20-4S-6W-W30M

Phase/Area: Brundage Canyon/L

API #/License

43-013-33657

Operations Date: 2/5/2008

Report #: 20

Depth At 06:00: 1000.00

Estimated Total Depth: 8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

1

Morning Operations: SHORT TRIP

Remarks:

USED 1418

NO LTA IN 33 DAYS

TOTAL USED 3918

TIME F/ CASING /TEST

WATER TOTAL 10040 BBL DIESEL 2362 GAL

WATER 260 BBL

Time To

Description

7:30 AM

PU PDC & DIRECTIONAL TOOLS RIH

9:00 AM

DRLG, 244 TO 275

11:00 AM

WORK TIGHT HOLE SINGLE OUT 2 JTS

12:00 PM

POOH CHANGE MWD

1:30 PM

WASH SLOWLY BACK TO BOTTOM RAISE VIS & MUD WT TO

45+8.8

5:30 PM

DRLG. 275 TO 500'

6:00 PM

RIG SERVICE

3:30 AM

DRLG, 500 TO 1000'

4:30 AM

CIRC & COND HOLE PUMP PILL

6:00 AM

Time To

6:00 AM

SHORT TRIP TO DIR. TOOLS

Bottom Hole Display

SWNE-20-4S-6W-W30M

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

API #/License

43-013-33657

Operations Date: 2/4/2008

Report #:

19 244.00

Depth At 06:00:

CALLED BOTH UTAH STATE & BLM TOLD OF NEW

SAFETY MEETING ON TRIPPING IN & OUT HOLE

Estimated Total Depth: 8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

Description

Morning Operations: PU TOOLS

Remarks:

NO LTA IN 32 DAYS WATER 9780 BBLS DIESEL 3780 GAL **USED 1228**

TOTAL USED 2500

NOTIFED BOTH UTAH AND BLM OF UP COMING

SPUD & CASING JOB

	· · /- · · · · · ·
8:00 AM	RIG UP
4:00 PM	STAND COND WELD ON & FLANGE FOR FLOW LINE
4:30 PM	DRLG. CEMENT F/ 21' TO 78'
5:00 PM	RIG SERVICE
8:00 PM	DRILL RAT HOLE
12:30 AM	DRLG. CEMENT F/ 78' TO 236'
1:30 AM	HOLE CAVED IN REAM & CLEAN HOLE
2:30 AM	DRLG FORMATION 236 TO 244
3:00 AM	CIRC CLEAN
5:00 AM	POOH F/ DIR.TOOLS & PDC

PU DRI TOOLS

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No. BIA 14-20-H62-5500

Do not use this f	IOTICES AND REPO form for proposals i Use Form 3160-3 (A	n Ute	6. If Indian, Allottee or Tribe Name Ute Indian Tribe 7. If Unit of CA/Agreement, Name and/or No.			
SUBMI	T IN TRIPLICATE Other	7. If 1 N/A				
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other				8. Well Name and No. # 7-20-46 DLB		
2. Name of Operator Bill Barrett Corporation		9. AF 43-0	9. API Well No. 43-013-33657			
3a. Address 1099 18th Street, Suite 2300, Denver, CO 8020	2	1		D. Field and Pool or Exploratory Area altamont		
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 2250 FNL x 2500 FWL SE/4, NW/4, Section 20, T4S, R6W				11. Country or Parish, State Duchesne County, Utah		
12. CHEC	CK THE APPROPRIATE BO	X(ES) TO INDICATE NATUR	E OF NOTICE, RE	PORT OR OTH	IER DATA	
TYPE OF SUBMISSION		PE OF ACTION				
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/Resume) Reclamation		Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily		Other Weekly Drilling Report	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispo	osal		
13. Describe Proposed or Completed Or the proposal is to deepen directions Attach the Bond under which the w following completion of the involv testing has been completed. Final determined that the site is ready for Weekly drilling report from 2/11/08 -	ally or recomplete horizontal work will be performed or pre red operations. If the operati Abandonment Notices must r final inspection.)	ly, give subsurface locations and ovide the Bond No. on file with I on results in a multiple completi	measured and true BLM/BIA. Require on or recompletion	vertical depths of ed subsequent rep in a new interval	of all pertinent markers and zones. ports must be filed within 30 days l, a Form 3160-4 must be filed once	

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

entitle the applicant to conduct operations thereon.

Reed Haddock

Title Permit Analyst

Signature

Date 02/19/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, RECEIVED fictitious or fraudulent statements Or representations as to any matter within its jurisdiction.

(Instructions on page 2)

FEB 2 1 2008

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

Operations Date: 2/20/2008

Report #:

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00:

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud: 16

Morning Operations:

Time To

Description

6:00 AM

DIR. DRLG. F/ 3725 TO

Remarks:

DSLTA- 48 DAYS SAFETY MEETINGS :MIXING DRY JOB

(267) JTS 4.5" DP.

(24) 6 1/2"DC's (5)8" DC (30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole) (1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)

FÚEL:5670 GAL

USED:1655GAL TOTAL FUEL USED:20,179 GAL

Boiler24 HRS

Daily water hauled:0 bbl

Total water hauled:14,710 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

SWNE-20-4S-6W-W30M

Phase/Area: Brundage Canyon/I

API #/License

43-013-33657

Operations Date: 2/19/2008

Report #:

Depth At 06:00: 3725.00

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud: 15

Morning Operations : DIR. GRLG

Time To

Description

4:00 PM

DIR. DRLG F/ 2675 TO 3168 30'SURVEYS SLIDING 4 TO 5'

EACH 30' JT

4:30 PM

RIG SERVICE

6:00 AM

DIR. DRLG, 3168 - 3725' SURVEYING EVER 30' SLIDING ALL MOST EVER CONN. 5-10' $\,$

Remarks:

DSLTA- 47 DAYS SAFETY MEETINGS :MIXING DRY JOB

(267) JTS 4.5" DP.

(24) 6 1/2"DC's (5)8" DC (30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-in hole) (1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs) FUEL:5670 GAL

USED:1655GAL

TOTAL FUEL USED:20,179 GAL

Boiler24 HRS

Daily water hauled:260 bbl Total water hauled:14,710 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Operations Date: 2/18/2008

Report #:

Depth At 06:00: 2675.00

Estimated Total Depth:

8492.00

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud: 14

Morning Operations : DRI. DRLG.

Time To

Description

2:30 PM

DRLG. 1350 TO 1777 SURVEY EVERY JT AND SLIDING FIRST

5-10'

3:00 PM

RIG SERVICE

6:00 AM

DRLG 1777 TO 2675' SURVEY 60-90' SLIDING AS NEEDED

MOSTLY 5' EACH 60 OR 90 FT

Remarks:

DSLTA- 46 DAYS

SAFETY MEETINGS :MIXING DRY JOB

(267) JTS 4.5" DP.

(24) 6 1/2"DC's (5)8" DC (30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole) (1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)

FÚEL:2835 GAL USED:1417GAL

TOTAL FUEL USED:18.613 GAL

Boiler24 HRS

Daily water hauled:290bbl Total water hauled:14,450 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

Operations Date: 2/17/2008

Report #: 32

Depth At 06:00:

1350.00

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud: 13

Morning Operations: DRLG.

Time To Description 9:00 AM TIME DRLG.1186 -1191' 9:30 AM POOH 10:00 AM SERVICE RIG CLOSED B.O.P. 11:00 AM PU KICK OFF BIT TIH 11:30 AM SURVEY AND OREANTATE TOOL FACE TIME DRLG F/ 1191 - 1214 90% FORMATION 12:00 AM 1:00 AM PUMP PILL POOH LD 3:00 AM CHANGE MOTORS BIT ORIENTATE MWD TIH 6:00 AM DRLG FORMATION F/ 1214 TO 1350' SLIDING 5' EVER OTHER Remarks:

DSLTA- 45 DAYS SAFETY MEETINGS :LDDP (267) JTS 4.5" DP.

(24) 6 1/2"DC's (5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs) FUEL:4252 GAL

USED:1323GAL

TOTAL FUEL USED:17,196 GAL

Boiler24 HRS

Daily water hauled:290bbl Total water hauled:14.450 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/I

Operations Date: 2/16/2008

Report #: 31

Depth At 06:00:

1186.00

API #/License Bottom Hole Display SWNE-20-4S-6W-W30M 43-013-33657

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date :2/4/2008

Days From Spud: 12

Morning Operations: TIME DRLG.

Time To

Description

7:00 AM

LD 7 JTS POOH

10:00 AM

PU DRI. TOOLS TRIP IN HOLE

11:00 AM

ORIENT TOOL GET TOOL FACE CUT TROUGH

11:30 AM

RIG SERVICE

4:30 AM

TIME DRILL. FIRST 5' 5 HRS 20% SHALE NEXT 5 3 HRS DROP

BACK TO 5-10% SHALE SLOW BACK DOWN TO 1' HR AT 1170 AT 1175 WENT TO 2' A HR 9% ROCK AT 1176 4% ROCK AT

6:00 AM

TURN TOOL FACE 45* REWORK TROUGH START OVER @

1185' TIME DRILL TO1186'

Remarks:

DSLTA-44 DAYS

SAFETY MEETINGS :LDDP

(267) JTS 4.5" DP. (24) 6 1/2"DC's

(5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)

FÚEL:5575 GAL USED:1323GAL

TOTAL FUEL USED:15,873 GAL

Boiler24 HRS

Daily water hauled:520bbl

Total water hauled:14,160 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Remarks:

Operations Date: 2/15/2008

Report #:

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00: 1160.00 Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud: 11

Morning Operations: TOH

Time To	Description	DSLTA- 43 DAYS SAFETY MEETINGS :LDDP
7:00 AM	TIH to 1438'ft	(267) JTS 4.5" DP.
1:00 PM	Circulate & condition.	(24) 6 1/2"DC's (5)8" DC
1:30 PM	Rig up HES.Prejob safety meeting with rig crews on pumping plugs	(30)4.5" SWDP-Rental Knight Oil Tools Mudmotors:
2:30 PM	Pump 185sx Class "G" 17.0ppg cement plug @ 1438'ftPOOH 6 stands	(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs- (1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)
3:00 PM	Circulate hole clean.	FUEL:6898 GAL USED:1134GAL
3:30 PM	Rig service	TOTAL FUEL USED:14,550 GAL
8:30 PM	Close annular and WOC plug #4 to set up sufficiently for tagging.	Boiler24 HRS Daily water hauled:260bbl
9:30 PM	Open annular and POOH 10 stands DP, rack back in derrick.Run in 10 stands SWDP w/milltooth bit to dress off plug.	Total water hauled:13,640 bbls BOP Drills:Crew1: 60 sec Crew2:72 sec.
3:00 AM	Circulate & WOC plug # 4 to set up	Accum:2600 psi Man:1100psi
5:00 AM	RIH - tag cement plug @ 1121'ft.Dress plug off to 1160'ft.WOB 10-15 K.Circulate up samples.Good firm cement.	Ann:1500 psi
6:00 AM	ТОН	

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

SWNE-20-4S-6W-W30M

Phase/Area: Brundage Canyon/L

API #/License

43-013-33657

Operations Date: 2/14/2008

Report #:

Depth At 06:00:

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

1483'ft.

Davs From Spud:

Morning Operations:

6:00 AM

Time To Description TIH-Tag isolation plug #2 @ 2630'ft per BLM request.TOH 16 7:00 AM stands to 1483'ft. 8:00 AM Circulate/RU HES Pump 185 sk class"G" cement isolation plug #3 @ 1483'ft.Displace 9:30 AM cement w/ 9.5 ppg mud. POOH 11 stands. Estimated top of plug: 2:00 PM Circulate DP & hole clean, wait on cement plug to set up. LDDP. 3:00 PM 3:30 PM Cut & slip drilling line 10:00 PM LDDP. PU MT Bit & TIH w/DP. Tag cement stringers from 1,545' to 1,767', 4:00 AM no solid cement. PU kelly and wash to harder cement at 1797'ft.Plug would not take more than 2K to 3K wt and would fall through. Washed down 37'ft and stopped. Laydown 2 singles and circulate hole clean. Decision made to pump another kick off plug.

POOH -Rack back 10 stands SWDP.Pickup 21 jts DP.TIH to

Remarks:

DSLTA- 42 DAYS

SAFETY MEETINGS :LDDP

(267) JTS 4.5" DP.

(24) 6 1/2"DC's

(5)8" DC (30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)

FÚEL:3685 GAL

USED:1134GAL TOTAL FUEL USED:14,550 GAL

Boiler24 HRS

Daily water hauled:260bbl

Total water hauled: 13,640 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

SWNE-20-4S-6W-W30M

Phase/Area: Brundage Canyon/L

Remarks:

API #/License

43-013-33657

Operations Date: 2/13/2008

Report #: 28

Depth At 06:00: 4650.00

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud:

d: 9

Morning Operations: WOC to harden f/ 2nd plug

Time To	Description
6:30 AM	PU/RIH 22 Jts DP to 4275'ft w/kelly down
10:30 AM	Circulate/RU HES Cement,hold safety meeting w/rig crews on pumping plugs.
11:00 AM	Pump 55sk Class G 15.8ppg cement isolation plug @ 4264'ft to isolate top of Black Shale marker. Displace plug w/47bbls 9.6ppg mud. POOH 4 stands.
3:00 PM	Circulate hole clean,pump 330bbls,lost returns part way through circulation.Mix & pump 2 LCM pills to try & regain circulation.No success.
8:00 PM	Circulate & build volume,Mix & pump LCM pill.Regained returns @ 17:30 hrs.Estimate 1200bbls mud lost while circulating.
11:00 PM	TIH to 4230'ft- tag cement plug #1 per BLM request.POOH to 2225'ft,circulate hole.
1:00 AM	Pump 50skClass" G" cement isolation plug @ 2781'ft to isolate TGR 3 top.Displace cement w/ 39.5 bbls 9.6ppg drilling mud.POOH 6 stds.
6:00 AM	Circulate DP and hole clean & WOC plug #2 to set up sufficiently for tagging.

DSLTA- 41 DAYS
SAFETY MEETINGS :First aid;Tripping pipe
(267) JTS 4.5" DP.
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Knight Oil Tools
Mudmotors:
(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)
(1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)
FUEL:4819 GAL
USED:1134GAL
TOTAL FUEL USED:13,416 GAL
Boiler24 HRS
Daily water hauled:260bbl
Total water hauled:13,640 bbls
BOP Drills:Crew1: 60 sec Crew2:72 sec.
Accum:2600 psi
Man:1100psi
Ann:1500 psi

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

Operations Date: 2/12/2008

Report #:

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00: 4650.00

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud:

Morning Operations: Circulating @ 4275 to plug back to 1200'ft

Time To	Description
8:00 AM	POOH to check MWD tools for sudden drop in inclination & azimuth.Surface tested fine.PU/fresh MM.Increased AKO setting to 1.83 degrees.MU/PDC bit.
11:00 AM	TIH to 4402'ft
11:00 AM	Circulate out 1300 units trip gas.On buster 3' to10' lazy flare.
4:00 PM	Directional drill f/ 4402'ft to 4556'ft w/9 deg inc @ 61.73 deg az.Slid 14'ft kelly.Crossed faultline f/ 4163'ft to 4441'f.Built from 9deg inc back up to 11.25 deg while rotating!!
4:30 PM	Rig service
7:30 PM	Directional drill f/ 4556'ft to 4649'ft' w/10.31deg inc @ 82.73 deg az.
10:30 PM	Circulating-Decision was made on location by Dominic Spencer/Bill Barrett to plug back well & redrill to eliminate severe doglegs at 1500'ft.Weatherford MWD reading 70 deg off. Built 400+ft @ 140deg az from 70 deg azGoing wrong direction.
1:00 AM	Pump dry job,blowdown kelly.POOH-Rack back SWDP in derrick
2:30 AM	LD/Weatherford directional tools & release directional company.
4:00 AM	TIH open ended to 3584'ft
5:00 AM	Circulate BU/Stap 22 Jts(971'ft)DP to pickup

PU/22 its DP to 4264'ft to set cement plugs.

Remarks:

DSLTA-40 DAYS

SAFETY MEETINGS :First aid; Tripping pipe

(267) JTS 4.5" DP. (24) 6 1/2"DC's (5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)

FÚEL:3204 GAL USED:1606GAL

TOTAL FUEL USED:12,282 GAL

Boiler24 HRS

Daily water hauled:780bbl

Total water hauled:13,380 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Accum:2600 psi Man:1100psi Ann:1500 psi

6:00 AM

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Operations Date: 2/11/2008

Report #:

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00: Estimated Total Depth:

8492.00

4402.00

Surface Location: SENW-20-4S-6W-W30M

Directional drill f/ 3630'ft to 3877'ft

Directional drill f/ 3877'ft to 4402'ft

Spud Date: 2/4/2008

Rig service

Days From Spud:

Description

Circulate BU/Flow check well-Build trip pill, pump pill.blow down kelly

POOH to check MWD tools for decrese in inclination & azimuth.

Morning Operations : Drilling ahead

Time To

1:00 PM

1:30 PM

2:30 AM

4:00 AM

6:00 AM

Remarks:

DSLTA- 39 DAYS

SAFETY MEETINGS :First aid; Tripping pipe

(267) JTS 4.5" DP. (24) 6 1/2"DC's

(5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-ln hole) (1)Hunting .16 AKO/6.5"OD S/n 6142 FUEL:3204 GAL

USED:1606GAL

TOTAL FUEL USED:12,282 GAL

Boiler24 HRS

Daily water hauled:780bbl Total water hauled: 13,380 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Accum:2600 psi Man:1100psi Ann:1500 psi

Version 4.3.8

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

15. L	ease Serial No.
BIA	14-20-H62-5500

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name Ute Indian Tribe

abandoned well.	Jse Form 3160-3 (A	PD) for su	ch proposal	s.		
CODMIT IN THE EIGHTE - Care, mandatons on page 2.					7. If Unit of CA/Agre	eement, Name and/or No.
1. Type of Well Oil Well Gas Well Other				8. Well Name and No # 7-20-46 DLB).	
2. Name of Operator Bill Barrett Corporation					9. API Well No. 43-013-33657	
3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202	2	3b. Phone No. (303) 312-85	(include area cod	de)	10. Field and Pool or Altamont	Exploratory Area
4. Location of Well (Footage, Sec., T., F 2250' FNL x 2500' FWL SE/4, NW/4, Section 20, T4S, R6W	R.,M., or Survey Description	<u> </u>	· <u>·····</u>		11. Country or Parish Duchesne County,	•
12. CHEC	K THE APPROPRIATE BO	X(ES) TO IND	ICATE NATURI	E OF NOTIC	E, REPORT OR OTH	IER DATA
TYPE OF SUBMISSION			TY	PE OF ACT	ION	
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	New	cture Treat Production (Start/Resume cture Treat Reclamation W Construction Recomplete		umation	Water Shut-Off Well Integrity Other Weekly Drilling Report
Final Abandonment Notice	Convert to Injection	Plug	and Abandon Back		r Disposal	
following completion of the involve testing has been completed. Final A determined that the site is ready for Weekly drilling report from 2/19/08 -	Abandonment Notices must final inspection.) 2/25/2008. Final activity	be filed only aft				l, a Form 3160-4 must be filed once n completed and the operator has
Name (Printed/Typed) Reed Haddock			Title Permit A	nalyst		
Signature J. C.	addock		Date 02/25/20	08		
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OFF	ICE USE	
Conditions of approval, if any, are attached that the applicant holds legal or equitable tile entitle the applicant to conduct operations to	tle to those rights in the subject hereon.	ct lease which wo	ould Office	J.,316.11		DECEMBER
Title 18 U.S.C. Section 1001 and Title 43 U fictitious or fraudulent statements or repres				u willfully to	make to any departmen	nt or reference of the Public States any false,

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Operations Date: 2/25/2008

Report #:

40

Bottom Hole Display SWNE-20-4S-6W-W30M

43-013-33657

API #/License

Depth At 06:00: 7406.00 Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud: 21

Morning Operations: LOG WELL

Time To Description 7:00 AM DRLG. F/7350 TO 7406 (TD) 9:00 AM CIRC COND HOLE 1:00 PM **POOH** 1:30 PM LAY DOWN DIR. TOOLS & MOTOR 2:00 PM LUB, RIG 5:00 PM TRIP IN HOLE

CIRC & COND HOLE 6:30 PM 9:30 PM POOH F/LOGS

6:00 AM

LOG WELL LOGGER T D 7380

Remarks:

DSLTA-52 DAYS

SAFETY MEETINGS :ON TRIP READINESS (267) JTS 4.5" DP.

(24) 6 1/2"DC's

(5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole) (1)Hunting .16 AKO/6.5"OD S/n 6142(99.5hrs)

FÚEL:4914 GAL USED:1281 GAL

TOTAL FUEL USED:29.834 GAL

Boiler24 HRS

Daily water hauled:520 bbl Total water hauled: 16,270

BOP Drills:Crew1: 45 sec

Accum:2500 psi Man:1100psi Ann:1000 psi

LEFT MASAGE W/ BLM JAMIE SPARGER OF UP COMING CASING 4:30 PM

SUNDAY EVENING 2/24/08

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Operations Date: 2/24/2008

Report #: 39

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00: 7350.00

Estimated Total Depth: 8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date: 2/4/2008

Days From Spud: 20

Morning Operations : DRLG.

Time To

Description

4:00 PM

DRLG, 6425 - 6881

4:30 PM

RIG SERVICE

7:30 PM

DRLG, 6881 TO 7036

8:00 PM

TRY TO GET SURVEY NO LUCK

6:00 AM

DRLG. 7036 TO 7350

Remarks:

DSLTA- 51 DAYS SAFETY MEETINGS :ON SERVICEING RIG

(267) JTS 4.5" DP. (24) 6 1/2"DC's (5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142(99.5hrs)

FUEL:1795 GAL USED:1796 GAL

TOTAL FUEL USED:28,553 GAL

Boiler24 HRS

Daily water hauled:0 bbl Total water hauled: 15,750 bbls BOP Drills:Crew1: 45 sec

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

SWNE-20-4S-6W-W30M

Phase/Area: Brundage Canyon/L

API #/License

43-013-33657

Operations Date: 2/23/2008

Report #: 38

Depth At 06:00: 6425.00

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud: 19

Morning Operations: DRLG

Time To Description

4:00 PM DRLG F/5650 - 6046

4:30 PM **RIG SERVICE**

7:30 PM DIR. DRLG. 6046 - 6171

9:30 PM REPLACE BROKE MWD LINES (BROKE PLOWING SNOW)

5:00 AM DRLG 6171 TO 6418 5:30 AM WORK ON MWD

6:00 AM DRLG 6418 TO 6425 Remarks:

DSLTA- 50 DAYS SAFETY MEETINGS : BOP ASSIGNMENTS

(267) JTS 4.5" DP. (24) 6 1/2"DC's (5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142(99.5hrs) FUEL:3591 GAL

USED:1701 GAL

TOTAL FUEL USED:26,758 GAL

Boiler24 HRS

Daily water hauled:520 bbl Total water hauled: 15,750 bbls BOP Drills:Crew1: 45 sec

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

SWNE-20-4S-6W-W30M

Phase/Area: Brundage Canyon/l

Remarks:

Accum:2500 psi Man:1100psi Ann:1000 psi

API #/License

43-013-33657

Operations Date: 2/22/2008

Report #: 37

Depth At 06:00: 5660.00

Estimated Total Depth :

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud: 18

Morning Operations: DRLG

Time To	Description
7:00 AM	TRIP IN HOLE TO 2162
8:30 AM	REGAIN CIRC CIRC GAS BUBBLE CHECK MWD
9:00 AM	TRIP IN TO 3595 HIT BRIDGE
10:30 AM	WORK FREE & REAM OUT BRIDGE
11:00 AM	TRIP IN HOLE
3:30 PM	DIR DRLG F/ 4961 TO 5057
4:00 PM	RIG SERVICE
6:00 AM	DIR. DRLG. F/ 5057 TO 5660 SURVEY EVER JT LAST SLIDE 5370

DSLTA- 49 DAYS
SAFETY MEETINGS: TRIPPING
(267) JTS 4.5" DP.
(24) 6 1/2"DC's
(5)8" DC
(30)4.5" SWDP-Rental Knight Oil Tools
Mudmotors:
(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)
(1)Hunting .16 AKO/6.5"OD S/n 6142(99.5hrs)
FUEL:5292 GAL
USED:1570 GAL
TOTAL FUEL USED:25,057 GAL
Boiler24 HRS
Daily water hauled:0 bbl
Total water hauled:15,230 bbls
BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Bottom Hole Display

SWNE-20-4S-6W-W30M

Phase/Area: Brundage Canyon/l

API #/License

43-013-33657

Operations Date: 2/21/2008

Report #: 36

Depth At 06:00: 4961.00

Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

COMUNACATION

Spud Date : 2/4/2008

Days From Spud: 17

Morning Operations: TRIP IN HOLE

6:00 AM

Time To Description DIR. DRLG.4475- 4744 30' SURVEYS 4' SLIDES ALMOST EVER 3:00 PM CONN. 3:30 PM RIG SERVICE CHECK BOPS 11:30 PM DIR. DRLG. 4744- 4961 30' SURVEYS 1:30 AM **POOH TO 1000'** 3:00 AM CIRC BIULD & SPOT 11.7 PILL TO CONTROL GAS @ 1300' 4:00 AM POOH CHANGE BIT / MOTOR LOST RETURNS

DIR WORK CHECK TOOLS CHANGE BATTIES NO

Remarks:

DSLTA-48 DAYS

SAFETY MEETINGS :MIXING DRY JOB

(267) JTS 4.5" DP. (24) 6 1/2"DC's

(5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)

FUEL:2362 GAL USED:1701 GAL

TOTAL FUEL USED:23,487 GAL

Boiler24 HRS

Daily water hauled:520 bbl Total water hauled: 15,230 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/L

Operations Date: 2/20/2008

Report #:

API #/License **Bottom Hole Display** SWNE-20-4S-6W-W30M 43-013-33657

Depth At 06:00: 4475.00 Estimated Total Depth:

8492.00

Surface Location: SENW-20-4S-6W-W30M

Spud Date : 2/4/2008

Days From Spud: 16

Morning Operations : DRLG.

Time To	Description
3:30 PM	DIR. DRLG. F/ 3725 TO 4065 SURVEYING EVER 30' SLIDING 5' ALMOST EVER JT
4:00 PM	RIG SERVICE CHECK BOPS
2:30 AM	DRLG. 4065 TO 4385 30' SURVEYS
3:00 AM	WELLBORE TRYING TO DROP, SLIDE HS TO MAINTAIN ANGLE
3:30 AM	DRLG 4385 TO 4436
4:00 AM	WELLBORE TRYING TO DROP, SLIDE HS TO MAINTAIN ANGLE
6:00 AM	DRLG 4436 TO 4475 30' SURVEYS SLIDING 4' ALMOST EVER CONN

Remarks:

DSLTA- 49 DAYS SAFETY MEETINGS :MIXING DRY JOB

(267) JTS 4.5" DP. (24) 6 1/2"DC's (5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-In hole) (1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs) FUEL:4063 GAL

USED:1607 GAL TOTAL FUEL USED:21,786 GAL Boiler24 HRS

Daily water hauled:0 bbl

Total water hauled:14,710 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

Wellcore

Well: #7-20-46 DLB

Phase/Area: Brundage Canyon/l

Operations Date: 2/19/2008

Report #: 34

Depth At 06:00: 3725.00

Estimated Total Depth:

8492.00

Bottom Hole Display API #/License SWNE-20-4S-6W-W30M 43-013-33657

Surface Location: SENW-20-4S-6W-W30M

Soud Date: 2/4/2008

Days From Spud: 15

Morning Operations : DIR. GRLG

Time To

Description

4:00 PM

DIR. DRLG F/ 2675 TO 3168 30'SURVEYS SLIDING 4 TO 5'

EACH 30' JT

4:30 PM

RIG SERVICE

6:00 AM

DIR. DRLG. 3168 - 3725' SURVEYING EVER 30' SLIDING ALL

MOST EVER CONN. 5-10'

Remarks:

DSLTA- 47 DAYS

SAFETY MEETINGS :MIXING DRY JOB

(267) JTS 4.5" DP. (24) 6 1/2"DC's (5)8" DC

(30)4.5" SWDP-Rental Knight Oil Tools

Mudmotors:

(1)Hunting .15 AKO/6.75"OD S/n 2015(72.5 hrs-in hole)

(1)Hunting .16 AKO/6.5"OD S/n 6142(7hrs)
FUEL:5670 GAL
USED:1655GAL
TOTAL FUEL USED:20,179 GAL

Boiler24 HRS

Daily water hauled:260 bbl

Total water hauled:14,710 bbls

BOP Drills:Crew1: 60 sec Crew2:72 sec.

43.013.33657



pason systéms usa col

16100 Table Mountain Parkway • Ste. 100 • Golden • CO • 80403 Telephone (720) 880-2000 • Fax (720) 880-0016

February 26, 2008

Utah Division of Oil, Gas & Mining P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: **BILL BARRETT CORPORATION** LAKE CANYON 7-20-46 DLB **SEC. 20, T4S, R6W DUCHESNE COUNTY, UT**

To Whom It May Concern:

Enclosed is the final computer colored log for the above referenced well.

We appreciate the opportunity to be of service to you and look forward to working with you in the near future.

If you have any questions regarding the enclosed data, please contact us.

Sincerely,

BW Nort

Bill Nagel Geology Manager Pason Systems USA BN/gdr

Encl: 1 Computer Colored Log.

Jake Gelfand, Bill Barrett Corp., Denver, CO. Cc:

> RECEIVED FEB 2 8 2008

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

Lease Serial No.	
5. Lease Serial No. BIA 14-20-H62-55	00

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

	orm for proposals to d Use Form 3160-3 (APD			Ute Indian Tribe	
	TIN TRIPLICATE – Other inst	tructions on page 2.		7. If Unit of CA/Agreen	nent, Name and/or No.
1. Type of Well	ell Other			8. Well Name and No. # 7-20-46 DLB	
2. Name of Operator Bill Barrett Corporation				9. API Well No. 43-013-33657	
3a. Address 1099 18th Street, Suite 2300, Denver, CO 8020	2 (30	Phone No. (include a	rea code)	10. Field and Pool or Ex Altamont	xploratory Area
4. Location of Well (<i>Footage, Sec., T.,,</i> 2250' FNL x 2500' FWL SE/4, NW/4, Section 20, T4S, R6W	R.,M., or Survey Description)			11. Country or Parish, S Duchesne County, Ut	
12. CHEC	K THE APPROPRIATE BOX(F	ES) TO INDICATE N	ATURE OF NOTIC	E, REPORT OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE OF ACTI	ON	
Notice of Intent ✓ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Recla	ction (Start/Resume) mation nplete	Water Shut-Off Well Integrity Other Weekly Completion
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aband Plug Back	-	orarily Abandon Disposal	Report
the proposal is to deepen direction. Attach the Bond under which the v following completion of the involv testing has been completed. Final determined that the site is ready fo Weekly completion report from 3/25	work will be performed or provided operations. If the operation represents the operation represents the firm of the control of	e the Bond No. on file esults in a multiple cor iled only after all requi	with BLM/BIA. R npletion or recompl rements, including	equired subsequent repo etion in a new interval, :	orts must be filed within 30 days a Form 3160-4 must be filed once
14. I hereby certify that the foregoing is to Name (Printed/Typed) Reed Haddock	rue and correct.	Title P	ermit Analyst		
	taddock		1/07/2008		
	THIS SPACE FO	OR FEDERAL O	R STATE OF	ICE USE	
Approved by					
Conditions of approval, if any, are attached that the applicant holds legal or equitable entitle the applicant to conduct operations	title to those rights in the subject le	t warrant or certify case which would Of	fice	D	ate
Til 10 11 C C C C 1001 - 1 Tid- 42		me for any person know	vingly and willfully to	n make to any department	or agency of the United States any false.

(Instructions on page 2)

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED APR 1 4 2008



Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 4/6/2008

Report #: 23

AFE #: 14523D

Summary: 6;am sitp 300 psi sicp 470 psi. well was open to flow back tanks from 10;am to 4;pm no fluid was recovered. well was

shut in waiting on rig to run rod string in

well.

End Time 10:00 AM

4:00 PM

well shut in.

well open to flow back tanks to continue recovery of @ 2842.1 bbls

Description

frac fluid. sitp 320 psi sicp 540 psi no fluid was recovered.

6:00 AM

well was shut in waiting on rig.

Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 4/5/2008

Report #: 22

AFE #: 14523D

Summary: 6;am ftp 0 psi sicp 1140 psi continued
flowing well to frac tanks to recover @
2853.5 bbls load wtr. miru D&M hot oil to
warm well to flow miru R&W foam unit &
Schlumberger to run production log on
well as well is jetted down csg & up tbg
using foam unit rdmo Schlumberger &
R&W foam unit turned well over to flow
crew. well quite flowing csg was open to
flow back tanks well flowed & died wel
was shut in at 9;pm 6; am sitp 300 psi
sicp 470 psi.
24 hour recovery
oil 167.9 bbls
wtr 41.4 bbls
have 2842.1 bbls load left to recover.

End Time	Description
8:20 AM	well open to frac tanks well not flowing
8:35 AM	safety meeting w/ D&M hot oil R&W foam unit crew Schlumberger Wire Line Crew IPS flow crew & TF Consulting consultant
9:05 AM	D&M hot oil pumped 30 bbls heated wtr down csg
10:15 AM	well open to frac tanks
11:00 AM	r.u schlumberger to rih w/ logging tools
11:30 AM	well open to frac tanks no flow recoverd made one logging pass
3:30 PM	logged well with out foam unit no change in well
1:00 PM	logging well as jetting well using foam unit
7:30 PM	well open on tbg to flow back tank
9:00 PM	csg open to flow back tank well flowed & died
6:00 AM	well shut in do to lack of flow.

Page 1



Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

В	ottom Hole Display	API #/License
S	SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 4/4/2008

Report #:

AFE #: 14523D

Summary: 6;am ftp 60 psi on 64/64 choke

continued flowing well to flow back tanks

to recover @ 2922.4 bbls frac load 6;am ftp 0 psi sicp 1255 psi

24 hour recovery oil 278.8 bbls wtr 68.9 bbls

have @ 2853.5 bbls load left to recover

End Time

6:00 AM

Description

continued flowing well to flowing well to flow back tanks to recover

@ 2922.4 bbls frac load

Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 4/3/2008

Report #: 20

AFE #: 14523D

Summary: 6;am ftp 20 psi sicp 1325 psi continued

flow testing well to recover @ 2974.5

bbls load left to recover released Stone

Well Service Rig # 5 rdmo rig. 6;am ftp

60 psi sicp 1160 psi.

24 hour recovery oil 414.2 bbls wtr 102.1 bbls

have @ 2922.4 bbls load left to recover.

End Time 10:00 AM

6:00 AM

Description

flowing well back to flow back tanks rdmo Stone Well Service Rig

#5 please note rig release a pone request by rig supervise

Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

19

Ops Date: 4/2/2008

Report #:

AFE #: 14523D

Summary: 6;am sitp 0 psi sicp 240 psi miru R&W foam unit & D&M hot oiler pumped 50 bbls wtr down tbg to warm csg r.u foam unit to tbg & pumped tp remove @ 200 bbls 10# brian from well recovered 304.5 bbls fluid from well r.d foam unit continued flow testing well 6;am ftp 20 psi sicp 1325 psi have not recovered fluid in last hour. 24 hour recovery oil 478.6 bbls wtr 507.3 bbls

total recovery in last 24 hours 985.9 bbls

have @ 2974.5 bbls fluid left to recover.

End Time 8:00 AM

8:15 AM

11:30 AM 11:50 AM

1:30 PM 2:50 PM 3:00 PM 6:00 AM

well shut in sitp 0 psi sicp 245 psi safety meeting with rig crew, flow crew, foam unit crew & hot oilers

miru D&M hot oil truck to heat wtr for foam unit & R&W foam unit hot oiler pumped 50 bbls heated wtr down tbg top warm well jetted 200 bbls 10# brian from well using foam unit down tbg up csg

Description

ietted well clear down csg up tbg

well shut in to remove foam unit from well

well open to flow back tanks to continue recovery of frac load



Well Name: #7-20-46 DLB

Phase/Area

Brundage Canvon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 4/1/2008

18 Report #:

AFE #: 14523D

Summary: 6;am ftp 0 psi sicp 0 psi well was left

open to flow back tanks no fluid was recovered miru D&M hot oil truck pumped 50 bbls wtr down tbg while pumping wtr max pressure was @ 600 psi on start ending pumping pressure @ 350 psi csg was left shut in starting sicp 125 psi ftp 0 psi after pumping sicp 255 psi sitp 155 psi well was open on 48/64" choke to flow back tanks well flowed @ 18 bbls fluid & died well was left open for 2 hours no fluid was recovered well was shut in over night & pressure monitored sitp 0 psi sicp 240 psi.

End Time

Description

1:00 PM

well open to flow back tanks no fluid recovered

2:00 PM

pumped 50 bbls wtr down tbg to flush

4:00 PM

well open to flow back tanks on 48/64 choke sicp 255 psi

6:00 AM

well was shut in to monitor pressure sitp 0 psi sicp 240 psi

Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 3/31/2008

Report #: 17

AFE #: 14523D

Summary	
---------	--

:6;am sitp 100 psi sicp 0 psi csg open to flow back tanks well not flowing started to n.d well head well started to flow pumped 50 bbls heated 10# brian down csg n.d well head tree n.u bops pooh w/ that to sand line cut & stripped line to tools on xn-nipple reoved tools rih w/ production tbg as pulled. n.d bops n.u well head tree turned well back to IPS flow crew. 6;am ftp 0 psi sicp 0 psi 24 hour recovery oil 0 bbls wtr 0 bbls

have 3442.2 bbls load left to recover

7:30 AM 8:15 AM

End Time

Description csg open to flow back tank IPS gage reading 0 psi on tbg & csg started to n.d well head tree tbg started to flow

9:05 AM 10:30 AM

pumped 50 bbls heated 10# brian down csg to warm & kill well.

n.d well head tree n.u bops prep for tbg 2:30 PM

pooh w/ tbg to sand line cut & stripped out sand line & tools from xn-nipple rih w/ tbg as pulled

4:30 PM

n.d bops n.u well head tree.

6:00 AM

turned well back to IPS flow crew to continue have recovered no

fluid sicp 0 psi.



Well Name: #7-20-46 DLB

Phase/Area

Brundage Canvon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 3/30/2008

16 Report #:

AFE #: 14523D

Summary: 6;am ftp 100 psi sicp 240 psi continued flowing well until hot oil truck could heat wtr to kill well pumped 70 bbls 250* wtr & 150 bbls 10# brian wtr to kill well please note well did not circ, n.d well head tree n.u bops pooh w/ tbg to stuck xn- plug in jt # 169 jt laid down jt rih w/ production tbg as pulled landed tbg on hanger n.d bops n.u well head tree r.u swab rih to @ 2300' sand line became stuck and parted leaving @ 900' of sand line in tbg.started to n.d well head tree well tried to flow turned well back to IPS flow crew well flowed & died 6;am sitp 0 psi sicp 0 psi 24 hour recovery

End Time 10:00 AM

Description flowed well to flow back tanks

12:00 PM

n.d well head tree n.u bops prepped for tbg

4:00 PM

pooh w/169 jts to xn- plug that was stuck in tbg laid down jt rih w/

production the as pulled.

5:00 PM

n.d bops n.u well head tree

6:30 PM 7:30 PM r.u swab rih to @ 2300' sand line became stuck & line parted started to n.d well head tree well tryed to flow turned well back to

Description

flowed well to flow back tanks as well was prepped to push stuck bit down hole miru Stone well service & Delsco Slick line

n.d well head tree n.u bops stripped hanger out of well prepped to

6:00 AM

well open to flow back tanks well flowed upo csg & died.

oil 50.2 bbls wtr 33.1 bbls total oil recovered 2838.6 bbls

total wtr recovered 6310.2 bbls have 3392.2 bbls fluid left to recover

Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 3/29/2008

Report #: 15

AFE #: 14523D

Summary: 6;am ftp 80 psi sicp 700 psi continued flowing well. miru Stone Well Service set plug in xn - nipple open csg continued flowing well n.d bops stripped off well head tree n.u bops p.u & rih to tag pobs @ 5506' pushed bit to pbtd pooh laid down 62 its tbg landed tbg back on hanger n.d bops n.u well head tree miru Delsco Slick line to fish plug from xn nipple please note plug moved up hole @ 30' & became stuck could not move plug up or down rdmo slike line turned well over to flow crew to flow well up tbg. 6;am ftp 100 psi sicp 240 psi. 24 hour recovery oil 179.7 wtr 119.8 bbls total oil recovered 2788.4 bbls total wtr recovered 6377.1 bbls

have 3205.9 bbls load left to recover

End Time 10:00 AM

11:15 AM

12:45 PM 4:45 PM

6:15 PM 10:20 PM

6:00 AM

p.u tbg well flowing up csg p.u tbg tagged pobs pushed to bottom pooh laid down tbg n.d bops n.u well head tree

tried to fish plug from xn-nipple plug moved up hole @ 30' & became stuck tryed to work plug free w/ no luck rdmo wire line

flowed well up tbg to flow back tanks

Delsco set plug in xn-nipple well flowing up csg

Page 4



Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 3/28/2008

Report #:

AFE #: 14523D

Summary: 6;am well flowing to flow back tanks ftp

150 psi sicp 600 psi continued flowing

well to flow back tanks miru

Schlumberger to run production log on well tagged something at perf 5506 could not get down to log well continued

flowing well.

6;am ftp 60 psi on 48/64 choke sicp 700

24 hour recovery oil 393.2 bbls wtr 257 bbls

left to recover 3325.7 bbls

End Time

9:00 AM 11:20 AM flow testing well to recover @ 3582.7 bbls frac load

Description

miru Sclumberger to run production log tagged something at perf 5506' could not get down rdmo wire line

6:00 AM

continued flow testing well

Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

API #/License **Bottom Hole Display** 43-013-33657 SWNE-20-4S-6W-W30M

Ops Date: 3/27/2008

13 Report #:

AFE #: 14523D

Summary: 6;am well open to flow back tanks ftp

150 psi on 48/64 choke sicp 480 psi continued flowing well to recover @

3897.1 bbls frac fluid rdmo Stone Well

Service Rig #5

End Time

7:00 AM

FLOWING WELL TO FLOWBACK TANKS.

Description

Description

9:00 AM

End Time

7:00 AM

9:00 AM

6:00 AM

9:00 AM

RDMO STONE WELL SERVICE RIG #5. FLOWING WELL TO FLOW TANKS.

Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 3/27/2008

Report #: 13

AFE #: 14523D

Summary: 6;am well flowing to flow back tanks ftp 150 psi sicp 480 psi continued flow

testing well to recover @ 3897.1 bbls frac fluid rdom Stone Well Service Rig # 5 contiued flowing well 6;am ftp 150 psi

sicp 600 psi.

24hour recovery

oil 601.4 bbls wtr 314.4 bbls

have 3582.7 bbls load left to recover.

April 7, 2008

Page 5

flowing well

rdmo Stone Well Service Rig # 5

continued flow testing well



Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 3/26/2008

12 Report #:

AFE #: 14523D

Summary: sitp 0 psi sicp 300 psi circ, well clean

using 2% kcl wtr drilled out frac plugs & cleaned out to pbtd @ 7245' landed tbg on hanger eot @ 5333' recovered @ 800 bbls fluid on clean out turned well over to IPS flow crew to continue recovery of

frac fluid.

6;am ftp 150 psi on 16/64 choke sicp

480 psi

24 hour recovery oil 461.5 bbls wtr 1023.4 bbls

total wtr recovered 5585.9 bbls left to recover 3897.1 bbls

PLEASE NOTE HAVING PROBLEMS WITH COMPUTER NOTE REPORT # **End Time**

9:00 AM

circ, well using heated 2% KCL wtr to remove hard oil from well

Description

3:30 PM 5:00 PM

circ, hole clean r.d power swivel

cleaned out to pbtd 7245'

6:30 PM 8:30 PM laid down 63 jts tbg on trailer & landed tbg on hanger eot @ 5333'

n.d bops n.u well head tree pumped off bit sub

Well Name: #7-20-46 DLB

Phase/Area

Brundage Canyon/Lake (

Bottom Hole Display	API #/License
SWNE-20-4S-6W-W30M	43-013-33657

Ops Date: 3/25/2008

Report #:

AFE #: 14523D

Summary: 6;am fwp 275 psi on 24/64" choke well shut in set kill plug @ 5430' miru Stone Well Service rig tallyed tbg p.u 175 jts to

tag kill plug @ 5415' pooh w/ 3 jts eot @

5310' swifn

End Time

10:00 AM

Description miru Lone Wolf Wire Line set kill plug 5430' rdmo

miru Stone Well Service prepped for tbg

2:30 PM 9:00 PM

talled & p.u 4 3/4" bit pobs w/175 jts above to tag 5415' pooh w/ 3

jts eot @ 5310' swifn

7:00 AM

well shut in for night



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

													BIA	-14-20)-H62-5500	
la. Type of b. Type of	Well Completion	. V 0	il Well ew Well	V	Gas Well Vork Over	Dry Deepen	Other Plug Back	☐ Diff	f. Resvr.,	,					, Allottee or T	Γribe Name
		Ot	ther:												CA Agreemen	t Name and No.
2. Name of Bill Barrett	Operator Corporati	on													ame and Well	No.
3. Address			e 2300				3a	. Phone l	No. (incl	ude a	rea code	e)	9. A	FI We	ll No.	
4. Location	of Well (R		cation cl	early an	d in accord	dance with Feder		303) 312	2-8546					013-33 Field a	nd Pool or Ex	nloratory
,	2250' FI	•		•		, and a mining case	an requirement	1.57						mont	id I dol of Ex	pioratory
At surfac	e SE/4, N	W/4, S	ec. 20,	T4S, R	6W										, R., M., on B or Area Sec.	
				FNL x	'FEL, SV	W/4, NE/4, Se	c. 20, T4S, F	R6W						Survey	of Area occ.	20, 140, 110**
At top pro	d. interval i	reported	below	200	3 fn	1 1965	fel						12.	County	or Parish	13. State
At total de		x'FEL	_, SW/4	1, NE/4	Sec. 20	T4S, R6W	•	Der	DK	D	rev	1000) Due	hesne	County	UT
14. Date Sp	udded				.D. Reache	:d	16. <u>D</u>	ate Com	pleted 0	3/21	/2008		17.		ons (DF, RK)	B, RT, GL)*
12/28/200 18. Total De		7.40		2/24/20		ug Back T.D.:	MD L	D&A			to Prod Depth B			5' GL MD		
	TV	D 7	<u> 319</u>			_	TVD				-		ng Set.	TVD		
21. Type El					(Submit co	py of each)					Was well Was DS		[Z] N		Yes (Submit Yes (Submit	
Baker Hug										I	Direction				Yes (Submit	
23. Casing	1					1	Stage Ce	ementer	No.	of Sk	cs. &.	Shu	ry Vol.	r _		
Hole Size	Size/Gra		Wt. (#/ft.	<u> </u>	op (MD)	Bottom (MI	Dep		ŧ		ement		BBL)	ļ	nent Top*	Amount Pulled
20"	16"Cond		/4 " wa			40'			Grout					0'		
12 1/4"	9 5/8 - J	-55 3	6 lbs.	Surfa	ace	971'					t. Pre			0'		
7 7/8"	5 1/2" P	110 1	7 lbs.	Surfa	200	7368'						38 bbl				
7 770	3 1/2 1	110 1	7 103.	Sun	200	7300			1000 8	585- 1	LI.FIE	329 DI	лъ.			
24. Tubing				· · · · · · · · · · · · · · · · · · ·		1.			,							
Size 2 7/8"	6539'	Set (MD)) Pac	ker Dept	h (MD)	Size	Depth Se	t (MD)	Packer	Depth	(MD)	S	ize	Dep	th Set (MD)	Packer Depth (MD)
25. Producii	1						26. Per	foration l	Record							
	Formation	n			ор	Bottom	Perf	forated In	terval			Size		Holes		Perf. Status
A) Wasato B)	h			5,442'		6,734'	6,467' - 6				0.44		30		Open	
C)							6,130' - 6				0.44		36		Open	
D)							5,969' - 6 5,700' - 5				0.44		36 36		Open Open	
27. Acid, Fr	acture, Trea	atment, (Cement S	Squeeze,	etc.		3,700 - 3	3,311			0.44		130			
	Depth Inter	val						I	Amount a	and T	ype of N	/aterial			RECE	11
6,467' - 6,7			+			Lighting, 89,9			-					Ye .	TOE	IVED
6,130' - 6,2				14,828	gals. 20#	Lighting, 99,3	353 lbs. 20 -	40 white	e sand,	5000	0 100 r	nesh s		/	4PR 2 4	
5,969' - 6,0 5,700' - 5,9				03,724	gais. 20#	Lighting, 149	,184 lbs. 20	- 40 wh	ite sand	d, 500	00 100	mesn	sand.	n .	., 2 4	2008
28. Producti		al A		30,034	yais. 20#	Lighting, 99,3 Lighting, 149 Lighting, 206	,029 IDS. 20	- 40 WIII	ne sanc	1, 500	00 100	mesn	sanu. <i>D</i>	V. OF	OIL. GAS	0.
Date First		Hours	Test		Oil	Gas	Water	Oil Grav	vity	G	as	Pro	duction N	lethod		& MINING
Produced		Tested	Proc	luction	DDL	WICF	BBL	Con. A	PI	0	lavily	P	umping			-
3/22/08	4/21/200				221	45	60	41			I/A					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 H Rate		Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio			/ell Stati Produci					
	SI 250	50		-	221	45	60	N/A			3001	··• 9				
28a. Produc	<u></u>	1			221	140	00	INA		L						
Date First		Hours	Test		Oil	Gas	Water	Oil Grav	-		as	Pro	duction N	lethod		
Produced		Tested	Proc	luction	BBL	MCF	BBL	Corr. Al	ΡI	G	ravity					
Chala	The Post	C	247	T	0:1	C	137 - 4 - 11	C (O''			7-11-01-1					
	Tbg. Press. Flwg.	Csg. Press.	24 F Rate		Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		ľ	Vell Stati	us				
	SI		 _	-												

^{*(}See instructions and spaces for additional data on page 2)

28h Produ	ustion Into	musl C									
Date First	Test Date	Hours	Test	0:1	- IC	XX /	6.1	<u> </u>	10	-	
Produced	rest Date	Tested	Production	Oil BBL	Gas MCF	Water BBL		Gravity r. API	Gas Gravity	Production Method	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/	/Oil	Well Status		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Rati		Wen Status		
28c Produ	l action - Inte	rval D		<u> </u>			L				
Date First		Hours	Test	Oil	Gas	Water	Oil O	Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL		. API	Gravity	reduction Memod	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/	Oil	Well Status		
		Press.	Rate	BBL	MCF	BBL	Ratio				
	SI		-								
20 Dienos	ition of Gas	(Solid 10	ed for fuel, ve	ustad ata							
25. Dispos	station of Gas	, some, as	ea joi juei, ve	теи, екс.)							
30. Summ	ary of Poro	us Zones	(Include Aqui	fers):					31. Formation	on (Log) Markers	
Show o	Il important	zones of r	soronity and o	ontonto th	amast Camadi	intervals and all	مد 11سلا	44-			
						ng and shut-in			1 .		
recover			,		or open, now	ing unit on at in p	p. cosui c	Juna			

_		_	_								Top
Form	nation	Тор	Bottom		Desc	riptions, Conte	ents, etc.			Name	Meas. Depth
											Weas. Depth
									TGR3		2625'
									Douglas Creel	k	3546'
									Black Shale M	larker	4222'
									Castle Peak		4487'
									Ute Land Butt	e	4810'
									Wasatch		5121'
									North Horn		7056'
									TD		7406'
22 11111		<u>L</u>	<u> </u>								
32. Additi	onal remark	s (include	plugging pro-	cedure):							
											•
33. Indica	te which ite	ms have be	een attached b	y placing	a check in the	appropriate bo	xes:				
Elec	trical/Mecha	nical Logs	(1 full set req'	d.)	П	Geologic Repor	rt	DST Re	port	☐ Directional Survey	
		_				-		Other:	F ****		
			and cement ve			Core Analysis					
		/ 1			rmation is con	plete and corre	ect as det	ermined from	n all available re	ecords (see attached instructions)*	•
N	ame (please	print/ Re	ed Haddoc	k	1-1-	<u> </u>	Title	Permit An	alyst		
Q;	gnature	レロル	0/4	3/Y/3	100		Date	04/22/2008	В		
		Free		<u> </u>	-						· · · · · · · · · · · · · · · · · · ·
Title 18 U.	S.C. Section	n 1001 and	Title 43 U.S.	C. Section	1212, make	it a crime for ar	ny person	n knowingly	and willfully to	make to any department or agency	y of the United States any

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

26. PERFOR	RATION RECOI	RD (cont.))	
INTERVAL	(Top/Bot-MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,442'	5,642'	0.44"	39	Open

27. ACID, FRACTURE,	TREATMENT, CEMENT SQUEEZE, ETC. (cont.)
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5,442' – 5,642'	64,722 gals. 20# Lighting, 144,332 lbs. 20 - 40 white sand, 5000 100 mesh sand.

Directional Plots

Location Information

Business Unit
Operations

Well:

#7-20-46 DLB

API #/License : 43-013-33657

Project

.

Surface Location:

Uinta

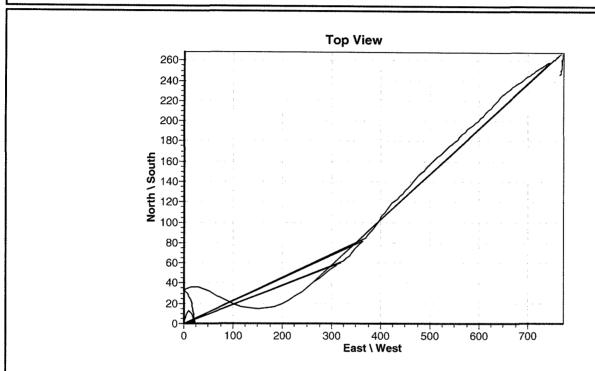
SENW-20-4S-6W-W30M

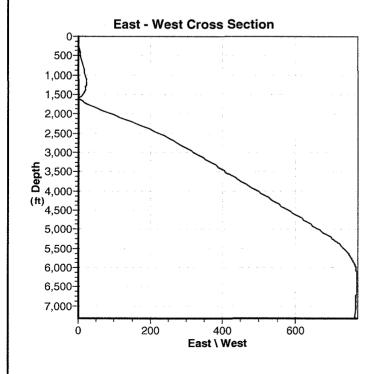
Phase/Area

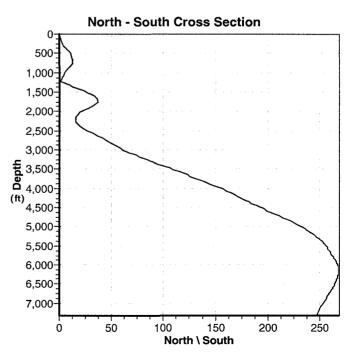
Bottom Hole Location:

Brundage Canyon/Lake Canyon

SWNE-20-4S-6W-W30M







Directional Plots



Location Information

Business Unit

Well:

#7-20-46 DLB

API #/License : 43-013-33657

Operations

Project :

Surface Location:

Uinta

SENW-20-4S-6W-W30M

Phase/Area

Bottom Hole Location:

Brundage Canyon/Lake Canyon

SWNE-20-4S-6W-W30M

Report by Decision Dynamics Technology Ltd. Wellcore

April 10, 2008 3:38 PM



Location Information

Business Unit

Operations

Project Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name #7-20-46 DLB Surface Location SENW-20-4S-6W-W30M

Bottom Hole Information	
UWI	API / License #
SWNE-20-4S-6W-W30M	43-013-33657

Survey Section De	etails			
Section	KOP (ft)	KOP Date	TMD (ft)	TVD TD Date (ft)
Open Hole 2				
Open Hole 1				

Survey Information	
Survey Company	Direction of Magnetic Dec. Vertical Section (°) Correction (°)
malti shot	

Extrap.	Depth MD	Inclination	Azimuth	TVD	Sub Sea	Northings	N/S	Eastings	E/W	Vertical Section	Doglog
cxtrap.	(ft)	(°)	(°)	(ft)	(ft)	(ft)	14/5	(ft)	E/VV	Vertical Section (ft)	Dog Leg
	<u> </u>			0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
			***************************************	0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
			****	0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00 008 15:38:24



Location Information

Business Unit

Operations

Project Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name #7-20-46 DLB Surface Location SENW-20-4S-6W-W30M

xtrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
.,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	. - 	0.00			0.00
				0.00			N	0.00	E	0.00	
					21.00	0.00	N		E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
			/··· · · · · · · · · · · · · · · · · ·	0.00	21.00	0.00	N	0.00	E	0.00	0.00
			3063.00	0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
	186.00	1.21	211.12	185.98	-164.98	1.68	S	1.01	W	-1.68	0.65
	309.00	1.63	213.10	308.94	-287.94	4.26	S	2.64	W	-4.26	0.34
	401.00	2.75	209.36	400.87	-379.87	7.28	S	4.44	W	-7.28	1.23
	492.00	1.75	224.35	491.80	-470.80	10.17	s	6.48	w	-10.17	1.27
	583.00	1.63	234.73	582.76	-561.76	11.92	s	8.51	W	-11.92	0.36
	675.00	1.50	272.11	674.72	-653.72	12.63	S	10.78	W	-12.63	1.10
	768.00	1.56	294.23	767.69	-746.69	12.06	S	13.15	W	-12.06	0.63
	860.00	2.81	324.11	859.62	-838.62	9.72	S	15.61	W	-9.72	1.80
	942.00	2.69	326.61	941.52	-920.52	6.49	S	17.85	w	-6.49	0.21
	1012.00	1.88	308.11	1011.46	-990.46	4.41		19.66	W	-4.41	1.55
	į					÷	S			·····	
	1074.00	1.31	302.11	1073.44	-1052.44	3.40	S	21.06	W	-3.40	0.96
	1106.00	1.31	306.61	1105.43	-1084.43	2.99	S	21.66	W	-2.99	0.32
	1178.00	1.17	24.90	1177.41	-1156.41	1.83	S	22.01	W	-1.83	2.18
	1209.00	4.20	11.40	1208.37	-1187.37	0.43	S	21.66	W	-0.43	9.92
	1240.00	4.70	9.50	1239.28	-1218.28	1.93	N	21.22	W	1.93	1.68
	1271.00	4.40	6.40	1270.18	-1249.18	4.37	N	20.88	W	4.37	1.25
	1301.00	4.90	12.00	1300.08	-1279.08	6.76	N	20.49	W	6.76	2.25
	1332.00	5.50	11.20	1330.95	-1309.95	9.52	N	19.92	W	9.52	1.95
	1363.00	5.40	16.50	1361.81	-1340.81	12.37	N	19.22	W	12.37	1.66
	1394.00	5.60	22.00	1392.67	-1371.67	15.17	N	18.24	W	15.17	1.82
	1425.00	5.80	25.40	1423.51	-1402.51	17.99	N	17.00	W	17.99	1.27
	1456.00	6.50	29.00	1454.34	-1433.34	20.94	N	15.48	W	20.94	2.58
	1487.00	7.20	37.90	1485.11	-1464.11	24.01	N	13.43	W	24.01	4.10
	1518.00	7.30	46.20	1515.87	-1494.87	26.90	N	10.82	W	26.90	3.39
	1549.00	7.50	55.70	1546.61	-1525.61	29.41	N	7.73	W	29.41	3.99
	1580.00	8.00	66.40	1577.32	-1556.32	31.41	N	4.08	W	31.41	4.92
	1610.00	9.20	70.10	1606.98	-1585.98	33.06	N	0.09	E	33.06	4.40
	1641.00	10.40	75.70	1637.53	-1616.53	34.60	N	5.13	E	34.60	4.94
	1672.00	10.90	80.40	1668.00	-1647.00	35.78	N	10.73	E	35.78	3.23
	1703.00	10.60	87.20	1698.45	-1677.45	36.41	N	16.47	E	36.41	4.20
	1703.00	11.00	92.00	1728.90	-1077.43	36.44	N	22.28	E	36.44	3.17
					-1707.90	36.44		28.47	E	36.14	3.70
	1765.00	12.10	93.60	1759.27			N				
	1857.00	15.90	105.80	1848.49	-1827.49	32.10	N	50.22	E	32.10	5.21
	1919.00	15.50	105.50	1908.18	-1887.18	27.57	N	66.38	E	27.57	0.66
	1981.00	15.50	105.20	1967.92	-1946.92	23.19	N	82.36	E	23.19	0.13
	2043.00	16.00	100.20	2027.60	-2006.60	19.50	N	98.76	E	19.50	2,33
	2104.00	16.20	97.00	2086.20	-2065.20	16.98	N	115.48	E	16.98	1.49
	2167.00	16.10	92.90	2146.72	-2125.72	15.46	N	132.93	E	15.46	1.82
.,	2229.00	15.60	89.10	2206.36	-2185.36	15.16	N	149.85	E	15.16	1.86



Location Information

Business Unit

Operations

Project Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name

#7-20-46 DLB

Surface Location

SENW-20-4S-6W-W30M

_/ _ /	(ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	2291.00	15.60	87.40	2266.07	-2245.07	15.67	N	166.51	E	15.67	0.74
	2353.00	14.90	82.60	2325.89	-2304.89	17.07	N	182.74	E	17.07	2.33
	2415.00	14.50	79.00	2385.86	-2364.86	19.58	N	198.27	Е	19.58	1.61
	2475.00	13.50	74.20	2444.08	-2423.08	22.92	N	212.38	E	22.92	2.55
	2538.00	13.50	72.20	2505.34	-2484.34	27.17	N	226.46	Ε	27.17	0.74
	2600.00	12.50	71.10	2565.74	-2544.74	31.56	N	239.70	Ε	31.56	1.66
	2662.00	13.10	69.10	2626.20	-2605.20	36.24	N	252.61	Е	36.24	1.20
	2723.00	12.30	68.70	2685.71	-2664.71	41.06	N	265.12	E	41.06	1.32
	2723.00	4.90	76.30	2685.71	-2664.71	41.06	N	265.12	Е	41.06	0.00
	2784.00	12.00	67.30	2745.93	-2724.93	44,13	N	273.50	Ε	44.13	11.80
	2846.00	12.10	70.90	2806.56	-2785.56	48.74	N	285.59	E	48.74	1.22
	2908.00	11.50	70.90	2867.25	-2846.25	52.89	N	297.57	Е	52.89	0.97
	2970.00	10.50	69.70	2928.11	-2907.11	56.87	N	308.71	E	56.87	1.65
	3001.00	10.50	71.60	2958.59	-2937.59	58.74	N	314.04	E	58.74	1.12
	3032.00	11.10	71.90	2989.04	-2968.04	60.56	N	319.55	E	60.56	1.94
	3063.00	11.40	70.10	3019.45	-2998.45	62.53		325.27	Ē	62.53	1.49
							N			ļ	
	3094.00	11.60	67.00	3049.83	-3028.83	64.79	N	331.02	E	64.79	2.10
	3125.00	12.00	64.20	3080.17	-3059.17	67.41	N	336.79	E	67.41	2.25
	3156.00	12.00	60.30	3110.49	-3089.49	70.41	N	342.49	E	70.41	2.61
	3186.00	11.50	59.90	3139.86	-3118.86	73.46	N	347.79	E	73.46	1.69
	3217.00	11.40	61.60	3170.25	-3149.25	76.46	N	353.15	E	76.46	1.14
	3248.00	11.60	63.20	3200.62	-3179.62	79.33	N	358.63	Е	79.33	1.21
	3280.00	11.20	64.10	3231.99	-3210.99	82.13	N	364.30	Е	82.13	1.37
	3311.00	11.40	63.40	3262.39	-3241.39	84.82	N	369.75	E	84.82	0.78
	3342.00	10.70	61.80	3292.82	-3271.82	87.55	N	375.02	Ε	87.55	2.46
	3373.00	10.50	59.80	3323.29	-3302.29	90.33	N	380.00	Е	90.33	1.35
	3404.00	10.00	58.30	3353.79	-3332.79	93.17	N	384.73	E	93.17	1.83
	3434.00	9.90	56.00	3383.34	-3362.34	95.98	N	389.08	E	95.98	1.37
	3465.00	10.60	52.00	3413.85	-3392.85	99.22	N	393.54	Ε	99.22	3.22
	3496.00	11.30	53.50	3444.28	-3423.28	102.79	N	398.23	E	102.79	2.44
	3527.00	11.60	58.50	3474.66	-3453.66	106.22	N	403.33	E	106.22	3.34
	3558.00	11.30	57.10	·	-3484.05	100.22		408.54		109.50	1.32
				3505.05	-3514.47		N		E	112.80	are an er er ar
	3589.00	10.90	55.70	3535.47	*** *	112.80	N	413.51		ļ	1.56
,	3620.00	11.10	58.20	3565.90	-3544.90	116.03	N	418.46	E	116.03	1.67
	3650.00	11.40	62.80	3595.32	-3574.32	118.90	N	423.56	E	118.90	3.15
	3681.00	10.90	68.00	3625.74	-3604.74	121.40	N	429.00	E	121.40	3.62
	3712.00	10.50	67.10	3656.20	-3635.20	123.60	N	434.32	E	123.60	1.40
	3743.00	10.30	64.10	3686.69	-3665.69	125.91	N	439.41	E	125.91	1.86
	3774.00	10.80	63.10	3717.16	-3696.16	128.43	N	444.50	Ε	128.43	1.72
	3805.00	11.70	63.50	3747.57	-3726.57	131.15	N	449.90	E	131.15	2.91
	3836.00	11.30	62.70	3777.94	-3756.94	133.94	N	455.41	E	133.94	1.39
	3867.00	11.30	62.40	3808.34	-3787.34	136.74	N	460.80	Ε	136.74	0.19
	3898.00	11.40	59.50	3838.74	-3817.74	139.71	N	466.13	E	139.71	1.87
	3960.00	11.00	62.00	3899.56	-3878.56	145.59	N	476.63	E	145.59	1.01
	3991.00	11.50	62.20	3929.96	-3908.96	148.42	N	481.98	E	148.42	1.62
	4022.00	11.10	62.20	3960.36	-3939.36	151.26	N	487.35	E	151.26	1.29
	4053.00	11.60	61.40	3990.75	-3969.75	154.14	N	492.73	Ε	154.14	1.69
	4084.00	11.30	63.60	4021.13	-4000.13	156.98	N	498.19	Ε	156.98	1.71
	4114.00	11.40	65.20	4050.55	-4029.55	159.53	N	503.51	E	159.53	1.10
	4146.00	11.20	67.00	4081.93	-4060.93	162.07	N	509.24	E	162.07	1.27
	4177.00	10.30	66.80	4112.38	-4091.38	164.34	N	514.56	E	164.34	2.91
.,,	4208.00	10.50	65.60	4142.87	-4121.87	166.60	N	519.68	E	166.60	0.95
	4239.00	10.80	66.20	4173.34	-4152.34	168.94	N	524.91	E	168.94	1.03
	ļi		64.40	4203.81	-4182.81	171.31	N	530.07	E	171.31	1.93
	4270.00	10.30		·		171.31	N	534.95	E	171.51	2.16
	4301.00	9.70	66.10	4234.34	-4213.34					i	2.16
	4332.00	8.90	68.90	4264.94	-4243.94 4070.54	175.49	N	539.58	E	175.49	
	4362.00	9.60	69.60	4294.54	-4273.54 4004.05	177.19	N	544.09	E	177.19	2.36
	4393.00	10.90	66.70	4325.05	-4304.05	179.25	N	549.20	E	179.25	4.51
	4424.00	11.30	65.20	4355.47	-4334.47	181.69	N	554.65	E	181.69	1.59
	4454.00	11.50	62.20	4384.88	-4363.88	184.31	N	559.97	E	184.31	2.09
	4485.00	10.90	62.90	4415.28	-4394.28	187.09	N	565.31	E	187.09	1.98
	4516.00	11.20	67.20	4445.71	-4424.71	189.59	N	570.69	Ε	189.59	2.83
	4547.00	11.20	68.40	4476.12	-4455.12	191.87	N	576.27	Ε	191.87	0.75
	4578.00	11.20	68.40	4506.53	-4485.53	194.08	N	581.87	Ε	194.08	0.00
	4609.00	10.50	69.00	4536.97	-4515.97	196.20	N	587.30	E	196.20	2.29
	4640.00	10.20	67.20	4567.47	-4546.47	198.28	N	592.47	E	198.28	1.42



Location Information

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Operations

Project Uinta Phase/Area

Brundage Canyon/Lake Canyon

Well Name #7-20-46 DLB Surface Location SENW-20-4S-6W-W30M

-xuap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	4671.00	10.40	66.00	4597.97	-4576.97	200.48	N	597.56	E	200.48	0.95
	4701.00	10.20	65.20	4627.49	-4606.49	202.70	N	602.44	E	202.70	0.82
	4732.00	10.50	63.10	4657.98	-4636.98	205.13	N	607.45	Е	205.13	1.56
	4763.00	11.20	62.90	4688.43	-4667.43	207.78	N	612.65	E	207.78	2.26
	4794.00	11.10	62.90	4718.84	-4697.84	210.51	N	617.99	Е	210.51	0.33
	4825.00	10.80	62.70	4749.28	-4728.28	213.20	N	623.22	Е	213.20	0.98
	4856.00	10.20	63.10	4779.76	-4758.76	215.77	N	628.25	E	215.77	1.95
	4887.00	10.50	62.10	4810.25	-4789.25	218.34	N	633.20	E	218.34	1.13
	4918.00	10.00	61.50	4840.76	-4819.76	220.94	N	638.06	E	220.94	1.65
	4950.00	9.60	64.40	4872.29	-4851.29	223.42	N	642.91	E	223.42	1.98
	4980.00	9.80	64.60	4901.86	-4880.86	225.60	N	647.47	E	225.60	0.68
	5011.00	10.00	68.70	4932.40	-4911.40	227.71	N	652.36	E	227.71	2.36
	5042.00	10.20	68.20	4962.92	-4941.92	229.70	N	657.42	E	229.70	0.70
	5073.00	10.00	69.50	4993.44	-4972.44	231.67	N	662.49	E	231.67	0.98
	5104.00	10.20	70.40	5023.96	-5002.96	233.53	N	667.59	E	233.53	0.82
	5135.00	10.50	71.50	5054.46	-5033.46	235.35	N	672.86	E	235.35	1.16
	5166.00	10.50	69.50	5084.94	-5063.94	237.23		678.18		237.23	1.17
	······						N		E	· · · · · · · · · · · · · · · · · · ·	
	5197.00	10.20	71.60	5115.43	-5094.43	239.09	N	683.43	E	239.09	1.56
	5228.00	9.90	71.10	5145.96	-5124.96	240.82	N	688.56	E	240.82	1.01
	5259.00	9.40	70.30	5176.52	-5155.52	242.53	N	693.46	E	242.53	1.67
	5290.00	8.90	70.20	5207.12	-5186.12	244.20	N	698.10	E	244.20	1.61
	5321.00	8.90	72.10	5237.75	-5216.75	245.75	N	702.64	E	245.75	0.95
	5352.00	8.50	70.00	5268.39	-5247.39	247.27	N	707.08	E	247.27	1.65
	5383.00	7.80	72.20	5299.08	-5278.08	248.70	N	711.23	E	248.70	2.47
	5414.00	7.70	71.60	5329.80	-5308.80	249.99	N	715.20	E	249.99	0.41
	5445.00	7.20	72.20	5360.53	-5339.53	251.24	N	719.02	E	251.24	1.63
	5476.00	7.30	71.00	5391.29	-5370.29	252.48	N	722.74	E	252.48	0.58
	5507.00	6.70	71.40	5422.05	-5401.05	253.70	N	726.31	E	253.70	1.94
	5537.00	6.50	72.80	5451.86	-5430.86	254.76	N	729.59	E	254.76	0.85
	5568.00	6.10	75.30	5482.67	-5461.67	255.69	N	732.86	E	255.69	1.56
	5599.00	5.60	76.60	5513.51	-5492.51	256.46	N	735.93	E	256.46	1.67
	5630.00	5.90	75.70	5544.35	-5523.35	257.21	N	738.94	E	257.21	1.01
	5661.00	5.40	77.10	5575.20	-5554.20	257.93	N	741.91	E	257.93	1.67
	5691.00	5.30	72.40	5605.07	-5584.07	258.66	N	744.61	E	258.66	1.50
	5723.00	4.90	76.30	5636.94	-5615.94	259.43	N	747.34	E	259.43	1.65
	5753.00	4.80	71.90	5666.83	-5645.83	260.12	N	749.78	E	260.12	1.28
	5784.00	4.20	70.80	5697.74	-5676.74	260.90	N	752.08	E	260.90	1.96
	5815.00	3.30	67.00	5728.67	-5707.67	261.62	N	753.98	E	261.62	3.01
	5847.00	3.60	68.50	5760.61	-5739.61	262.35	N	755.76	E	262.35	0.98
	5878.00	3.50	67.40	5791.55	-5770.55	263.07	N	757.54	E	263.07	0.39
	5909.00	3.50	64.50	5822.50	-5801.50	263.84	+	759.27	E	263.84	0.57
							N	760.83		ļi.	
	5939.00	3.20	62.20	5852.44	-5831.44	264.63	N		E	264.63	1.10
	5970.00	2.90	70.90	5883.40	-5862.40	265.29	N	762.34	E	265.29	1.78
	6001.00	3.00	68.60	5914.36	-5893.36	265.84	N	763.84	E	265.84	0.50
	6032.00	2.80	69.40	5945.32	-5924.32	266.40	N	765.30	E	266.40	0.66
	6063.00	2.20	66.80	5976.29	-5955.29	266.90	N	766.56	E	266.90	1.97
	6094.00	1.70	69.40	6007.27	-5986.27	267.30	N	767.53	E	267.30	1.64
	6125.00	1.60	56.40	6038.26	-6017.26	267.70	N	768.32	E	267.70	1.25
	6155.00	0.90	67.00	6068.25	-6047.25	268.02	N	768.89	E	268.02	2.45
	6186.00	0.70	83.20	6099.25	-6078.25	268.14	N	769.30	E	268.14	0.97
	6217.00	0.50	84.40	6130.25	-6109.25	268.18	N	769.63	E	268.18	0.65
	6248.00	0.50	112.80	6161.24	-6140.24	268.14	N	769.88	Е	268.14	0.79
	6279.00	0.40	84.30	6192.24	-6171.24	268.09	N	770.12	E	268.09	0.78
	6310.00	0.40	169.40	6223.24	-6202.24	268.00	N	770.24	E	268.00	1.75
	6341.00	0.70	191.00	6254.24	-6233.24	267.71	N	770.23	E	267.71	1.16
	6372.00	0.70	160.10	6285.24	-6264.24	267.34	N	770.26	E	267.34	1.20
	6403.00	0.50	154.40	6316.24	-6295.24	267.04	N	770.38	E	267.04	0.67
	6433.00	0.50	164.50	6346.24	-6325.24	266.80	N	770.47	Е	266.80	0.29
	6464.00	0.90	157.30	6377.23	-6356.23	266.44	N	770.60	E	266.44	1.32
	6495.00	0.80	198.80	6408.23	-6387.23	266.01	N	770.63	E	266.01	1.97
	6526.00	0.80	177.40	6439.23	-6418.23	265.59	N	770.57	E	265.59	0.96
	6557.00	1.00	198.10	6470.22	-6449.22	265.12	N	770.49	E	265.12	1.22
	6588.00	0.90	186.80	6501.22	-6480.22	264.62	N	770.38	E	264.62	0.68
	6619.00	1.10	187.80	6532.21	-6511.21	264.08	N	770.31	E	264.08	0.65
	6650.00	1.40	191.00	6563.21	-6542.21	263.42	N	770.20	E	263.42	0.99
	0000.00	1.70	101.00	UUUU.Z I	UUTE,E 1	200.72	1.4	, , , , , , , ,		200.72	0.00



Location Information

Business Unit

Operations

Project

Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name #7-20-46 DLB Surface Location

SENW-20-4S-6W-W30M

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	6712.00	1.40	192.30	6625.19	-6604.19	262.03	N	769.77	E	262.03	0.85
	6743.00	1.30	195.30	6656.18	-6635.18	261.32	N	769.60	E	261.32	0.39
	6774.00	1.60	199.10	6687.17	-6666.17	260.57	N	769.36	E	260.57	1.02
	6805.00	1.60	193.60	6718.16	-6697.16	259.74	N	769.12	E	259.74	0.49
	6835.00	1.40	189.60	6748.15	-6727.15	258.97	N	768.96	Е	258.97	0.75
	6866.00	1.20	190.20	6779.14	-6758.14	258.28	N	768.84	Е	258.28	0.65
	6897.00	1.10	182.70	6810.13	-6789.13	257.66	N	768.77	Ε	257.66	0.58
	6928.00	1.00	186.20	6841.13	-6820.13	257.10	N	768.73	Ε	257.10	0.38
	6959.00	1.20	185.20	6872.12	-6851.12	256.50	N	768.67	Е	256.50	0.65
	7114.00	1.90	199.20	7027.06	-7006.06	252.46	N	767.68	Е	252.46	0.51
	7175.00	1.30	196.70	7088.04	-7067.04	250.84	N	767.14	E	250.84	0.99
	7360.00	0.90	210.80	7273.00	-7252.00	247.59	N	765.80	Е	247.59	0.26
	7406.00	0.90	210.00	7319.00	-7298.00	246.96	N	765.43	Е	246.96	0.00

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED
	OMB No. 1004-0137
	Expires: July 31, 2010
ease Serial No.	

J.	~	asc		ıcı	746	,.	
В	lΑ	14-	20-	H6	2-	55()(

Do not use this f	IOTICES AND REPORTS OF form for proposals to drill o Use Form 3160-3 (APD) for	6. If Indian, Allottee or Ute Indian Tribe	6. If Indian, Allottee or Tribe Name Ute Indian Tribe				
			7. If Unit of CA/Agreen	agent Nama and/an Na			
1. Type of Well	T IN TRIPLICATE – Other instruction	N/A	ient, name and/or no.				
Oil Well Gas W	/ell Other	8. Well Name and No. # 7-20-46 DLB					
Name of Operator Bill Barrett Corporation		9. API Well No. 43-013-33657	9. API Well No. 43-013-33657				
3a. Address 1099 18th Street, Suite 2300, Denver, CO 8020	3b. Phone	1	10. Field and Pool or Exploratory Area				
4. Location of Well (Footage, Sec., T., I	(303) 312		Altamont				
2250' FNL x 2500' FWL SE/4, NW/4, Section 20, T4S, R6W	C., Mr., or Survey Description)		11. Country or Parish, State Duchesne County, Utah				
12. CHEC	K THE APPROPRIATE BOX(ES) TO I	INDICATE NATURE OF 1	NOTICE, REPORT OR OTHER	RDATA			
TYPE OF SUBMISSION		TYPE OF	ACTION				
✓ Notice of Intent	= =	Deepen Tracture Treat	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity			
Subsequent Report	`	New Construction	Recomplete	Other Flaring Gas			
——————————————————————————————————————		Plug and Abandon	Temporarily Abandon				
Final Abandonment Notice 13. Describe Proposed or Completed Op		'lug Back	Water Disposal				
following completion of the involve testing has been completed. Final Adetermined that the site is ready for Bill Barrett Corporation (BBC) requesturrent flaring dates but also is askin as well as the line heater tank burne gas line is figured at \$30,000/in/mile line were to be resized to a 4" inch the volume of gas over the distance of the \$5.50 gas the well will make \$275 per Red Haddock S/19/08 APPROVED BY	st permission to continue to operate ng BLM to issue a permanent variance rs etc. BBC anticipates that as the war for six inch line. Engineering indicate ne cost would come in around \$600, the line. Well production has come uper day in gas sales which is not an example of the sample of the sampl	the #7-20-46 DLB and a ce. BBC is currently using vell is pulled down the gated that they would run a 2000 although BBC would be to around 65mcf/d but a conomical investment for the conomical investment in the conomic in the	ecompletion in a new interval, a uding reclamation, have been contained allow BBC to flare the gas. End go produced gas to run the prison rate will continue to decline 6 inch line which would put have to determine if this size still should decline over the name and the BBC at this time. 117 th 57 mcf, 236	Form 3160-4 must be filed once ompleted and the operator has BBC needs an extension on the imary mover for the Rotaflex unit a. BBC cost estimate to run a the cost @ \$1,080,000. If the eline can handle the small lext month. At 50 mcf/d with			
4/00 14	addar V	Date 05/02/2008	0	ste: 5 10 1008			
Signature FULL ACC	adar-1		hitials: KS				
	THIS SPACE FOR FEI	DERAL OR STATE	OFFICE USE				
Approved by							
Conditions of approval, if any, are attached that the applicant holds legal or equitable til entitle the applicant to conduct operations the	tle to those rights in the subject lease which		Da	te			
Title 18 U.S.C. Section 1001 and Title 43 U fictitious or fraudulent statements or repres			fully to make to any department of				
(Instructions on page 2)			RECE	IVED			

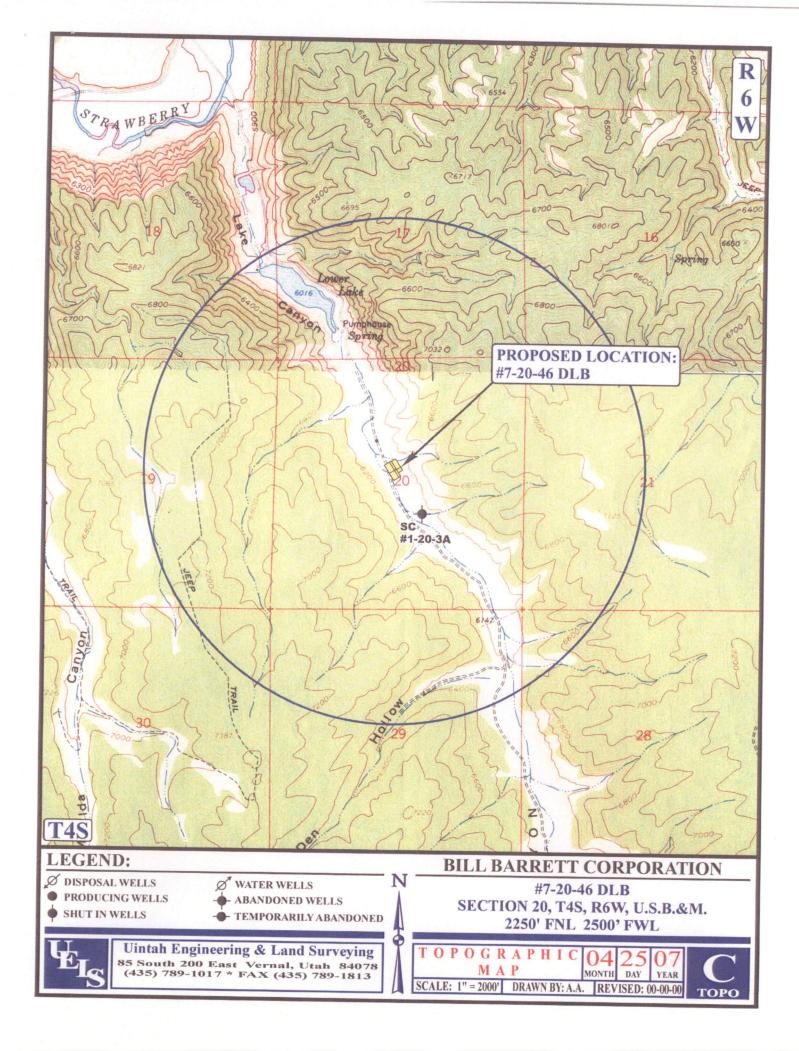
(Instructions on page 2)

MAY 0 5 2008

STATE OF UTAH

	DEPARTMENT OF NATURAL RESOURCE	CES	1 37111 3
	DIVISION OF OIL, GAS AND MIN	IING	5. LEASE DESIGNATION AND SERIAL NUMBER: BIA-14-20-H62-5500
SUNDRY	NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
Do not use this form for proposals to drill n	new wells, significantly deepen existing wells below curre aterals. Use APPLICATION FOR PERMIT TO DRILL for	int bottom-hole depth, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME:
TYPE OF WELL OIL WELL	8. WELL NAME and NUMBER;		
2. NAME OF OPERATOR:	GAS WELL OTHER		# 7-20-46 DLB 9. API NUMBER:
Bill Barrett Corporation 3. ADDRESS OF OPERATOR:		Plour	4301333657
1099 18th Street, Suite 2300	Denver STATE CO 70 8	PHONE NUMBER: (303) 312-8546	10. FIELD AND POOL, OR WILDCAT: Altamont
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2250'	FNL x 2500' FWL		соимту: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RAN	ige, meridian: SENW 20 T4S R6	6W	STATE: UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
SUBSEQUENT REPORT	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
(Submit Original Form Only)	CHANGE WELL NAME CHANGE WELL STATUS	PLUG BACK	WATER CHUT OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	PRODUCTION (START/RESUME) RECLAMATION OF WELL SITE	✓ other: Request for "Wildcat"
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	Status
Bill Barrett Corporation (B radius around the location producing formation for th production from a compar away. The # 7-21-46 DLB and BBC has no pressure Also, attached find a Mem history of the "Blacktail Riccurrent drilled wells in the	n, the completion report, and a cros is well is the Wasatch (5442' - 673 able depth within a 1 mile radius. had not been completed when the	tus for # 7-20-46 DLB well. Pleass section showing the perfs of the distribution of th	ase find a map showing a one-mile the # 7-20-46 DLB. The known is drilled when there was no even completed, it is over 1 mile is no known geologic structure. The der Section 59-5-102(2)(d)); the thing the well history of BBC
			2
NAME (PLEASE PRINT) Reed Had	dock // // // // //	TITLE Permit Analyst	
SIGNATURE All 1	Haddock	DATE 4/30/2008	
(5/2000)	REQUEST DENIED Utah Division of Oil, Gas and Mining ate: Glo(0) y: See attacked Statement	CC: Tax (on miss 5 co	1
~	Dec Million		

(5/2000)



Memorandum

To: Utah Division of Oil, Gas and Mining

From: Bill Barrett Corporation

Kurt Reinecke, SVP Exploration <u>kreinecke@billbarrettcorp.com</u>

303-312-8113

Re: Tax exemption under Section 59-5-102(2)(d)

Date: April 28, 2008

In order to assist in the determination of well classifications for six recently drilled oil wells west of Duchesne, Utah, Bill Barrett Corporation offers the following information.

The overall context for 5 of these 6 wells is that they were drilled as part of a continuous drilling program to determine if results from historically poor, and sub-commercial, producing wells truly did defined the edge of Cedar Rim field. Additionally, since these wells were drilled as part of a continuous program, Bill Barrett Corporation was unable to evaluate the completion results on some of its wells prior to drilling the successive location, thereby further increasing the commercial risk. Results from these 6 high risk wells has encouraged us that we can indeed extend this field beyond its present limits, however we have paid the price for this exploration work via several apparently non-commercial wells.

1. 7-7-46 BTR

- a. Classification: Wildcat
- b. Location (2323 FSL x 2465 FEL sec. 7 T4S, R6W) This well was spud on 7/14/2007. When drilled, no other well was located within 1 mile of its bottom hole location (2141 FNL x 2043 FEL), see attached forms, cross section and associated map. The 7-7-46 BTR is completed in generally the same Green River Wasatch interval as wells to the north, but we also have been completing deeper zones. This well was a significant southwesterly step out from previous uneconomic drilling that had defined the edge of Cedar Rim field for 20 years. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

2. 12-36-36 BTR

- a. Classification: Development [no forms submitted]
- b. Location (1837 FSL x 704 FWL sec. 36 T3S R6W) This well was spud 10/8/2007, and is considered development because current production exists within 1 mile of the location (see attached map on cross section). However because the well was a step out away from known production, and also drilled to test deeper potential horizons, it is considered a high risk development well.

3. **7-28-46 DLB**

- a. Classification: Wildcat
- b. Location (2028 FNL x 543 FEL sec. 28 T4S R6W) This well was spud on 11/12/2007. When drilled, no other producing well was located within 1 mile of its bottom hole location (1963 FNL x 1786 FEL), see attached forms and Exhibit A. Four wells had been drilled within 1 mile during the 1978-79 timeframe. Results from these wells showed either no production to minor sub-economic production. The 7-28-46 DLB is completed in generally the same Green River Wasatch interval as wells to the north, but we also have been completing deeper zones (see cross section). This well was a significant southwesterly step out from previous uneconomic drilling that had defined the edge of Cedar Rim field for 20 years. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

4. 7-21-46 DLB

- a. Classification: Wildcat
- b. Location (1795 FSL x 1718 FEL sec. 21 T4S R6W) This well was spud 12/2/2007 directly after the 7-28-46 BTR, only the typical non-descript openhole logs were available, no completion work had yet been performed on 7-28-46 DLB. Two historical wells had been drilled within 1 mile during the 1978-79 timeframe. Results from these wells showed either no production to minor sub-economic production. The 7-21-46 DLB is completed in generally the same Green River Wasatch interval as wells to the north, but we also have been completing deeper zones (see cross section). This well was a significant southwesterly step out from previous uneconomic drilling that had defined the edge of Cedar Rim field for 20 years. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

5. **5-5-46 BTR**

- a. Classification: Wildcat
- b. Location (1718 FNL x 640 FWL sec. 5 T4S R6W) This well was spud 12/7/2007. When this well was drilled two wells had been drilled within the 1 mile radius. Both these wells, drilled in 1985 and 1996, yielded subcommercial quantities of production supporting the conclusion that these wells helped defined the southwestern edge of Cedar Rim field. The 5-5-46 BTR was a high risk well that challenged the field edge concept and was completed in a similar Green River Wasatch interval as the two historical wells, but used hydraulic fracturing to stimulate the wellbore. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

6. 7-20-46 DLB

- a. Classification: Wildcat
- b. Location (2250 FNL x 2500 FWL sec 20 T4S R6W) This well was spud on 12/28/2007. When this well was drilled 1 historical well existed within 1 mile. This well, drilled in 1979, produced sub-commercial amounts of oil and gas. The newly drilled 7-21-46 DLB also existed within the 1 mile radius but this well had not been completed at the time drilling commenced on the 7-20-46 DLB. The 7-20-46 DLB is completed in generally the same Green River Wasatch interval as wells to the north, but we also have been completing deeper zones (see cross section). This well was a significant southwesterly step out from previous uneconomic drilling that had defined the edge of Cedar Rim field for 20 years. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

Explanation of Cross Section

- This display shows both newly drilled wells by BBC, as well as historical wells. Note how BBC well are generally drilled deeper than historical wells.
- Gamma ray and resistivity curves are presented.
- Log headers show well name and surface locations.
- Formation correlations used by Bill Barrett Corporation are indicated.
- Red markings to the left of the depth column on each well indicate where the well is completed.
- If production existed then the cumulative amount in BOE is shown along with the decline curve graph below the logs.
- The current operator is also shown below the logs.

The map in the lower right hand corner shows the general north to south cross section line.

- One mile radius circles, centered on the bottom hole location, are shown for each well that Bill Barrett Corporation has drilled.
- Posted at the well symbol is the well number on top and the cumulative production in MMBOE below the well symbol.
- The color highlight at each symbol shows a color representation of the wells cumulative MMBOE.



BLACKTAIL RIDGE AREA SPACING ORDERS

Date: April 28, 2008 To: Doug Gundry-White

I. Second Amended Spacing Order - April 23, 2008 Hearing

Cause
139-83

Wells located anywhere in section, 660' from the section lines and no closer than 1,320' from any well producing from the same formation.

Lands

Township 3 South, Range 5 West, USM
Sections 1 to 36

Township 4 South, Range 5 West, USM Sections 1 to 6

Township 3 South, Range 6 West, USM Sections 1 to 12

Township 3 South, Range 7 West, USM Sections 1 to 12, 14 to 23, 26 to 29, and 32 to 35

II. Spacing Rules Previously in Effect in Blacktail Ridge Area Lower Green River to Base of the Wasatch (640 acre units)

any direction.

Cause	Summary of Order - Spacing Rules
139-77	Wells located anywhere in section, 660' from the section lines and no closer than 1,320' from any well producing from the same formation.
139-42	Two wells allowed in each section, located at least 1,320' from any existing well and 660" from unit boundary (section line).
139-8	Wells to be located in the center of the NE¼ with tolerance of 660' in any direction (also applies to #139-17 lands).
140-6	Wells to be located in the SW¼NE¼ with a tolerance of 660' in

Statewide Wells to be located in center of 40 acre qtr-qtr, with tolerance of **Rules** 200' in any direction (Utah Administrative Rule R649-3-2)

III. Prior Spacing Orders and Lands

1. BBC Spacing Order #139-77 (June 18, 2007)

All wells shall be drilled 660' from the boundaries of the unit (section) and no closer than 1,320' from a well producing from the same formations without an exception location. No more than 2 wells producing from the Lower Green River - Wasatch formations without Board authorization.

3S	6W	15, 16, 17, 18, 19, 20, 21, 22 and 27, 28, 29, 30, 31, 32, 33, 34	All	Amends #139-8 for Sections 13, 14, 23,24, 25, 26, 35, 36; amends #139-42 for all lands; amends 140-6 for 13, 24, 25, 36
48	6W	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	All	Amends #139-17 for Sections 3 to 18; amends #139-42 for all lands
38	7W	13, 24, 25 and 36	All	Amends #140-15 for 13 and 25; amends #139-42 and 140-6 for all lands

2. Spacing Order 139-42

(April 1, 1985)

Effective 4-12-1985, prior orders in Cause Nos. 139-3; 139-4; 139-5; 139-8; 139-17 (Altamont); 131-11; 131-14; 131-24; 131-27; 131-32; 131-33; 131-34; 131-45; 131-55 (Bluebell); 140-6; and 140-7 (Cedar Rim-Sink Draw) are modified as of 4-12-1985 to allow for <u>Additional Wells</u> to be drilled in each section. The lower Green River/Wasatch formation is a pool as defined in Utah Code Ann. § 40-6-2(9) (1953, as amended).

Two wells may be drilled in each section based on geologic and engineering data to justify the additional well for recovery when economically feasible. Any additional well must be located at least 1,320' from the existing well on the unit and not closer than 660' from the boundary of the unit; and no two wells may be drilled in the same quarter section. All prior orders not consistent with this order are vacated (but existing orders that specify location of the initial wells in each section are not vacated).

3S	5W	1 to 36	All	Not amended by #139-77 To be amended by April 2008 BBC Application for Sections 1 to 36
3S	6W	1 to 36	All	Amended by #139-77 for Sections 13 to 36 To be amended by April 2008 BBC Application for Sections 1 to 12
3\$	7W	1 to 36	All	Amended by #139-77 for Sections 13, 24, 25 and 36 To be amended by April 2008 BBC Application for Sections 1 to 12; 14 to 23; 26, 27, 28, 29, 32, 33, 34 and 35

3. Spacing Order 139-8

(September 20, 1972)

640 acre drilling units established from top of the Lower Green River to base of the Green River-Wasatch formation.

Amends prior Orders entered in Causes 139-3; 139-4; and 139-5.

Spaced interval is now defined as from the top of the Lower Green River formation (TGR3 marker) to the base of the Green River-Wasatch formation (top of Cretaceous) by reference to the stratigraphic equivalent referenced against the Shell - Ute 1-18B5 and Brotherson 1-11B4 wells.

Permitted wells shall be located in the center of the NE¼ of the section comprising the drilling unit, with a tolerance of 660' in any direction, except for exceptions granted without a hearing for topography.

All prior orders not consistent with this order are hereby vacated.

48	5W	1, 2, 3, 4, 5, 6	All	
48	6W	1 and 2		Amended by BBC Spacing Order #139-77

4. Spacing Order 140-6

(August 11, 1971)

Makes permanent the one year spacing order in Cause No. 140-1 (8-19-1970), which set section drilling units for Lower Green River and Wasatch Formations on the lands in Section 3S-6W and 3S-7W (described below), and sets tolerance for each well as 220' from center of the SW¼NE¼ of each section on 640 acre spacing for Green River and Wasatch.

The Board made findings that there is communication between wells in adjacent sections and that one well will effectively drain the oil in one section.

By Order entered 2-17-1971 in Cause No. 140-4, Order 140-1 was extended and enlarged to include lands in 2S-7W (31 to 35); 2S-8W (31 to 36); 3S-7W (2 to 7 and 18, 19, 30 and 31); and 3S-8W (1 to 36).

The Order is now made permanent that drilling units shall be located in the center of the SW4NE4 of each section with a tolerance of 660' in any direction.

3S	6W	7, 8, 9, 10	All	Not Amended by #139-77 To be amended by April 2008 BBC Application for Sections 7, 8, 9 and 10
38	7W	1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 32, 33, 34, 35, 36		Amended by #139-77 for Sections 13, 24, 25 and 36 To be amended by April 2008 BBC Application for Sections 1 to 12; 14 to 23; 26, 27, 28, 29, 32, 33, 34 and 35

5. Statewide Rules - Lands not Subject to Spacing Orders

48	5W	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	All	State Location (Siting) Rules.
48	7W	1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16		State Location (Siting) Rules.

IV. Notice Requirements - Spacing Area and Adjacent Lands

Under Order #139-77, working interest owners and operators of <u>adjacent</u> drilling units impacted by modification of the 660' tolerance window (under Order #140-6) were also notified, including Sections 7 to 11 of T3S, R6W and Section 12 of T3S, R7W.

By the same logic, the <u>adjacent</u> working interest owners and operators of the lands subject to Order #140-6 (which includes the lands from #140-1 and #140-4) should also be notified, including:

T3S, R7W Sections 30 and 31

T3S, R8W Sections 1, 12, 13, 24, 25 and 36

T2S, R7W Sections 31 to 36

T2S, R8W Section 36

Form 3160²4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

5. Lease Scrial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

		***************************************											BIA	\-14-2	0-H62-5500)	
la. Type of b. Type of		. ☑oi : ☑Ne	l Well w Well	∏ Ga W	as Well ork Over	Dry Deepen	Other Plug Back	☐ Dif	f. Resvr.	• •					n, Allottee or in Tribe	Trib	2 Name
		Otl	ner:			or correspondence and analysis of the control of th									CA Agreeme	nt Na	ime and No.
2. Name of Bill Barret	Operator Corporat		······································			***************************************	***************************************							.case A	dame and Wel	l No	
3. Address	1099 18th S Denver, CO	treet, Suite 80202	2300					a. Phone (303) 312		lude a	irea cod	e)		VFI W.			***************************************
4. Location			nion clea	rly and	in accord	lance with Fede			- 00 10						ind Pool or Ex	cplor	atory
4. 0.	2250' F	NL x 250	00' FWL										Alta	amont			
At surfac	° SE/4, N	W/4, Se													L, R., M., on I or Area Sec.		
At top pro	od. interval	reported b		NLx,	FEL, SV	V/4, NE/4, Se	c. 20, T4S,	R6W					12.	Count	y or Parish		13. State
At total d	enth 'FNL	x'FEL	, SW/4,	NE/4,	Sec. 20,	T4S, R6W							Du	chesn	e County		UT
14. Date Sp 12/28/200	udded	***************************************		Date T.I. 24/200	D. Reache	d	16.	Date Com	pleted (/2008 to Prod	***************************************		Elevat 05' GL	ions (DF, RK	B, R	T, GL)*
18. Total D			······································		19. Plu	ig Back T.D.:	MD				Depth B			MD			**************************************
21. Type E	TV lectric & Otl		nical Logs	Run (S	Subinit cor	ov of each)	TVD			22.	Was wel	I cored?	Z	TVD	Yes (Submi	it ana	lysis)
Baker Hug											Was DS	T run?	Z] ì	∢o [Yes (Submi	it rep	ort)
23. Casing	and Liner I	tecord (R	eport ail	strings	set in wel	<i>1</i>)				<u> </u>	Direction	nai Surv	ey: L]^	40 N	7 Yes (Submi	it cop	у
Hole Size	Size/Gr	ade W	71, (#/ft.)	Top	(MD)	Bottom (MI		Comenter opth		of Sk			ry Vol. (BL)	Ce	ment Top*		Amount Pulled
20"	16"Cond	fuct. 1/	4 " wall	Surfa	ce	40'		21011	Grout				11313;	0'	····		
12 1/4"	9 5/8 - J	-55 36	lbs.	Surfa	ce	971'		×	240s:	xs - L	.t. Pre	79 bbl	s.	0,	***************************************		
									180 s	xs - F	Pre.Lt.	38 bbl	s.			************	
7 7/8"	5 1/2" P	110 17	'lbs.	Surfac	ce	7368'			1000	sxs- l	Lt.Pre	329 bt	ds.				
						ļ							***************************************				*****
24. Tubing	Record			L	w				L					L			
Size		Set (MD)	Packe	r Depth	(MD)	Size	Depth S	et (MD)	Packer	Depth	(MD)	S	ize	De	pth Set (MD)	Τ	Packer Depth (MD)
2 7/8"	6539'	·	<u></u>										·····				
25. Produci	ng Intervals Formation			To	n	Bottom	***************************************	erforation l rforated In			7	Size	No	Holes	1	Dra	rl'. Status
A) Wasato			5,	442'	A	6,734'	6,467' -	***************			0.44	~	30		Open		ii. Sauda
B)	***************************************			***************************************			6,130' -				0.44	,	36		Open		and the second s
C)							5,969' -	6,068			0.44	•	36		Open		
D)							5,700' -	5,911'			0.44	1	36		Open		
27. Acid, Fi	racture, Trea Depth Inter		ement Sq	uceze, e	etc.		·····		Amount	and Th	ina of Y	Jacquinl			***************************************		
6,467' - 6,		A cet 1	44	.101 a	als. 20#	Lighting, 89,9	970 lbs. 20				r		and.				
6,130' - 6,		At v. A turkturalylylylyryrynyn				Lighting, 99,3											
5,969' - 6,6	068'		63	,724 g	als. 20#	Lighting, 149	,184 lbs. 20) - 40 wh	ite sand	d, 500	00 100	mesh:	sand.	***************************************			***************************************
5,700' - 5,			86	,654 g	als. 20#	Lighting, 206	,829 lbs. 20) - 40 whi	ite sand	d, 500	00 100	mesh :	sand.				
28. Producti Date First	*****	il A Hours	Test	<i>\frac{1}{2}</i>	Dil	Gas	Water	Oil Grav	aits:	lo.	as	Dec	duction N	Sathad	***		
Produced	· Con Date	Tested	Produc	tion E	BBL	MCF	BBL	Corr. Al	•		as ravity	- 1	umping	:Sen(R)			
3/22/08	4/21/200	************	***************************************		221	45	60	41			I/A		v	ed francisco d'Aberico	******		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	,	Dil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		3	ell Stati Producii			-	-		
	SI		- Cate							٦	TOUUCI	19					
39/64	250	50			221	45	60	N/A		l_							
28a. Produc Date First		at 13 Hours	Test	K	Dil	Gas	Water	Oil Grav	/ity	G	as	Pro	duction N	cthod	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Produced		Tested	Produc	ł.	3BL	MCF	BBL	Corr. Al	P]	Gı	ravity						
Choke	Tbg. Press.	Cea	24 Hr.)il	Gas	Water	Gas/Oil	·····	13/	ell Stati						
Size	Flwg.	eress.	Rate		3BL		BBL	Ratio		1	on statt						
	SI			>													
		L				1	1	1		I							

^{*(}See instructions and spaces for additional data on page 2)

28h Prod	uction - Inte	erval C			*************************					
		Hours	Гest	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	uction - Inte									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
			sed for fuel, ve					4		
30. Sumn	nary of Poro	us Zones	(Include Aqui	fers):				31. Format	ion (Log) Markers	
Show a includi	ng depth int	zones of perval teste	porosity and c d, cushion use	ontents the	reof: Cored in bl open, flowin	ntervals and al g and shut-in	l drill-stem tests, pressures and			
Forr	mation	Тор	Bottom		Descr	iptions, Conte	ents, etc.		Name	Top Meas. Depth
								TGR3		2625'
								Douglas Cree Black Shale I	ek Marker	3546' 4222'
								Castle Peak		4487'
								Ute Land But	te	4810'
								Wasatch		5121'
								North Horn		7056
32 Addit	ional remark	s (include	plugging prod	adure).				TD		7406'
				,						
33. Indica	te which ite	ms have be	een attached b	y placing a	check in the a	ppropriate bo	xes:	······································		
		_	(1 full set req'			Geologic Repor	t DST R	eport	☐ Directional Survey	
		- / ! '	going and atta eed Haddocl		mation is comp	olete and corre	ect as determined fro		ecords (see attached instructions)	k
	gnature	1000	140	ada	OCK		Date 04/22/200			
					1212, make it s as to any ma			and willfully to	make to any department or agenc	y of the United States any

(Continued on page 3)

(Form 3160-4, page 2)

26. PERFOR	RATION RECOI	RD (cont.)		
INTERVAL	(Top/Bot-MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,442'	5,642'	0.44"	39	Open

27. ACID, FRACTURE,	TREATMENT, CEMENT SQUEEZE, ETC. (cont.)
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5,442' - 5,642'	64,722 gals. 20# Lighting, 144,332 lbs. 20 - 40 white sand, 5000 100 mesh sand.

Directional Plots



Location Information

Business Unit

Well:

#7-20-46 DLB

API #/License : 43-013-33657

Operations Project

:

Surface Location:

Uinta

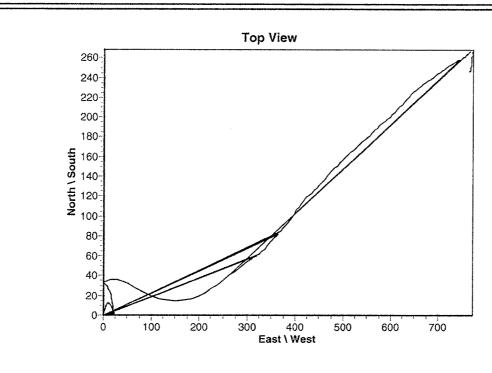
SENW-20-4S-6W-W30M

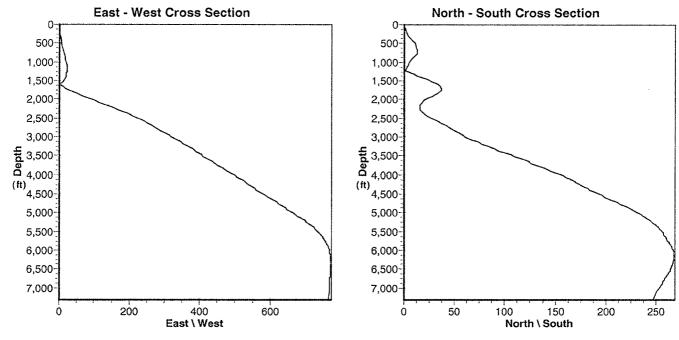
Phase/Area

Bottom Hole Location :

Brundage Canyon/Lake Canyon

SWNE-20-4S-6W-W30M





Directional Plots

WELLCORE

Location Information

Business Unit

Well:

API #/License : 43-013-33657

Operations

Project :

#7-20-46 DLB
Surface Location:

Uinta

SENW-20-4S-6W-W30M

Phase/Area

Bottom Hole Location :

Brundage Canyon/Lake Canyon

SWNE-20-4S-6W-W30M

Report by Decision Dynamics Technology Ltd. Wellcore

April 10, 2008 3:38 PM



Location Information

Business Unit

Operations Project

Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name

#7-20-46 DLB

Surface Location

SENW-20-4S-6W-W30M

Main Hole

Bottom Hole Information		Survey Section Details	
υWI	API / License #	Section KOP (ft)	KOP Date TMD TVD TD Date (ft) (ft)
SWNE-20-4S-6W-W30M	43-013-33657		VV
•		Open Hole 2	
		Open Hole 1	

Survey Information Direction of Vertical Section (°) Magnetic Dec. Correction (°) Survey Company malti shot

<u>Details</u>		Corre	cted								
Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
****************	***************************************		PARAMETER CONTRACTOR OF THE STATE	0,00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
			,	0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
	•			0.00	21.00	0.00	N	0.00	E	0.00	0.00
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				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
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		***		0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
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				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00



Location Information

Business Unit

Operations

Project

Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name

#7-20-46 DLB

Surface Location

SENW-20-4S-6W-W30M

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00
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				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00 0.00	21.00 21.00	0.00 0.00	N N	0.00 0.00	E E	0.00 0.00	0.00 0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
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,	,			0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
			3063.00	0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
	186.00	1.21	211.12	185.98	-164.98	1.68	s	1.01	W	-1.68	0.65
	309.00	1.63	213.10	308.94	-287.94	4.26	S	2.64	W	-4.26	0.34
	401.00	2.75	209.36	400.87	-379.87	7.28	S	4.44	W	-7.28	1.23
	492.00	1.75	224.35	491.80	-470.80	10.17	S	6.48	W	-10.17	1.27
	583.00	1.63	234.73	582.76	-561.76	11.92	\$	8.51	W	-11.92	0.36
	675.00	1.50	272.11	674.72	-653.72	12.63	S	10.78	W	-12.63	1.10
	768.00	1.56	294.23	767.69	-746.69	12.06	S	13,15	W	-12.06	0.63
	860.00	2.81	324.11	859.62	-838.62	9.72	S	15.61	W	-9.72	1.80
	942.00	2.69	326.61	941.52	-920.52	6.49	S	17.85	W	-6.49	0.21
	1012.00	1.88	308.11	1011.46	-990.46	4.41	S	19.66	W	-4.41	1.55
	1074.00 1106.00	1.31 1.31	302.11 306.61	1073.44 1105.43	-1052.44 -1084.43	3.40 2.99	S S	21.06 21.66	W	-3.40 -2.99	0.96 0.32
	1178.00	1.17	24.90	1177.41	-1064.43	1.83	S	22.01	W	-1.83	2.18
	1209.00	4.20	11.40	1208.37	-1187.37	0.43	S	21.66	W	-0.43	9.92
	1240.00	4.70	9.50	1239.28	-1218.28	1.93	N	21,22	W	1.93	1.68
	1271.00	4.40	6.40	1270.18	-1249.18	4.37	N	20.88	W	4.37	1.25
	1301.00	4.90	12.00	1300.08	-1279.08	6.76	N	20.49	W	6.76	2.25
	1332.00	5.50	11.20	1330.95	-1309.95	9.52	N	19.92	W	9.52	1.95
	1363.00	5.40	16.50	1361.81	-1340.81	12.37	N	19.22	W	12.37	1.66
	1394.00	5.60	22.00	1392.67	-1371.67	15.17	N	18.24	W	15.17	1.82
	1425.00	5.80	25.40	1423.51	-1402.51	17,99	N	17.00	W	17.99	1.27
	1456.00 1487.00	6.50 7.20	29.00 37.90	1454.34 1485.11	-1433.34 -1464.11	20.94 24.01	N N	15.48 13.43	W	20.94 24.01	2.58 4.10
	1518.00	7.20	46.20	1515.87	-1404.11 -1494.87	24.01 26.90	N .	10.82	W	24.01 26.90	3.39
	1549.00	7.50	55.70	1546.61	-1525.61	29.41	N	7.73	W	29.41	3.99
	1580.00	8.00	66,40	1577.32	-1556.32	31.41	N	4.08	W	31.41	4.92
	1610.00	9.20	70.10	1606.98	-1585.98	33.06	N	0.09	E	33.06	4.40
	1641.00	10.40	75.70	1637.53	-1616.53	34.60	N	5.13	E	34.60	4.94
	1672.00	10.90	80.40	1668.00	-1647.00	35.78	N	10.73	E	35.78	3.23
	1703.00	10.60	87.20	1698.45	-1677.45	36.41	N	16.47	Ε	36.41	4.20
	1734.00	11.00	92.00	1728.90	-1707.90	36.44	N	22.28	Ε	36.44	3.17
	1765.00	12.10	93.60	1759.27	-1738.27	36.14	N	28.47	E	36.14	3.70
	1857.00	15.90	105.80	1848.49	-1827.49	32.10	N	50.22	E	32.10	5.21
	1919.00	15.50	105.50	1908.18	-1887.18	27.57	N	66.38	E	27.57	0.66
	1981.00	15.50	105.20	1967.92	-1946.92	23.19	N N	82.36	E	23.19	0.13
	2043.00	16.00 16.20	100.20	2027.60	-2006.60 -2065.20	19.50	N N	98.76	E	19.50	2.33
	2104.00 2167.00	16.20 16.10	97.00 92.90	2086.20 2146.72	-2065.20 -2125.72	16.98 15.46	N N	115.48	E	16.98	1.49
	∪ن. رن ہے	10.10	ರ್ಷ.೨೮	£140.12	-2125.72	10.40	14	132.93	E	15.46	1.82



Location Information

Business Unit

Operations

Phase/Area

Brundage Canyon/Lake Canyon

Well Name

SENW-20-4S-6W-W30M Main Hole

Project Uinta

#7-20-46 DLB

extrap. Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
2291.00	15.60	87.40	2266.07	-2245.07	15.67	N	166.51	E	15.67	0.74
2353.00	14.90	82.60	2325.89	-2304.89	17.07	N	182.74	E	17.07	2.33
2415.00	14.50	79.00	2385.86	-2364.86	19.58	N	198.27	E	19.58	1.61
2475.00	13.50	74.20	2444.08	-2423.08	22.92	N	212.38	E	22.92	2.55
2538.00	13.50	72.20	2505.34	-2484.34	27.17	N	226.46	E	27.17	0.74
2600.00	12.50	71.10	2565.74	-2544.74	31.56	N	239.70	E	31.56	1.66
2662.00	13.10	69.10	2626.20	-2605.20	36.24	N	252.61	E	36.24	1.20
2723.00	12.30	68.70	2685.71	-2664.71	41.06	N	265.12	Е	41.06	1.32
2723.00	4.90	76.30	2685.71	-2664.71	41.06	N	265.12	E	41.06	0.00
2784.00	12.00	67.30	2745.93	-2724.93	44.13	N	273.50	E	44.13	11.80
2846.00	12.10	70.90	2806.56	-2785.56	48.74	N	285.59	E	48.74	1.22
2908.00	11.50	70.90	2867.25	-2846.25	52.89	N	297.57	E	52.89	0.97
2970.00	10.50	69.70	2928.11	-2907.11	56.87	N	308.71	E	56.87	1.65
3001.00	10.50	71.60	2958.59	-2937.59	58.74	N	314.04	E	58.74	1.12
3032.00	11.10	71.90	2989.04	-2968.04	60.56	N	319.55	E	60.56	1.94
3063.00	11.40	70.10	3019.45	-2998.45	62.53	N	325.27	E	62.53	1.49
3094.00	11.60	67.00	3049.83	-3028.83	64.79	N	331.02	E	64.79	2.10
3125.00	12.00	64.20	3080.17	-3059.17	67.41	N	336.79	E	67.41	2.25
3156.00	12.00	60.30	3110.49	-3089.49	70.41	N	342.49	E	70.41	2.61
3186.00	11.50	59.90	3139.86	-3118.86	73.46	Ni Ni	347.79	E	73.46	1.69
3217.00	11.40	61.60	3170.25	-3149.25	76.46	N	353.15	E	76.46	1.14
3248.00	11.60	63.20	3200.62	-3179.62	79.33	N	358.63	E	79.33	1.21
3280.00	11.20	64.10	3231.99	-3210.99	82.13	N	364.30	E	82.13	1.37
3311.00	11.40	63.40	3262.39	-3241.39	84.82	N	369.75	E	84.82	0.78
3342.00	10.70	61.80	3292.82	-3271.82	87.55	N	375.02	E	87.55	2.46
3373.00	10.50	59.80	3323.29	-3302.29	90.33	N	380.00	E	90.33	1.35
3404.00	10.00	58.30	3353.79	-3332.79	93.17	N	384.73	E	93.17	1.83
3434.00	9.90	56.00	3383.34	-3362.34	95.98	N	389.08	E	95.98	1.37
3465.00	10.60	52.00	3413.85	-3392.85	99.22	N	393.54	E	99.22	3.22
3496.00	11.30	53.50	3444.28	-3423.28	102.79	N	398.23	E	102.79	2.44
3527.00	11.60	58.50	3474.66	-3453.66	106.22	N	403.33	E	106.22	3.34
3558.00	11.30	57.10	3505.05	-3484.05	109.50	N	408.54	E	109.50	1.32
3589.00	10.90	55.70	3535.47	-3514.47	112.80	N	413.51	E	112.80	1.56
3620.00	11.10	58.20	3565.90	-3544.90	116.03	N	418.46	E	116.03	1.67
3650.00	11.40	62.80	3595.32	-3574.32	118.90	N	423.56	E	118.90	3.15
3681.00	10.90	68.00	3625.74	-3604.74	121.40	N	429.00	E	121.40	3.62
3712.00	10.50	67.10	3656.20	-3635.20	123.60	N	434.32	E	123.60	1.40
3743.00	10.30	64.10	3686.69	-3665.69	125.91	N	439.41	Е	125.91	1.86
3774.00	10.80	63.10	3717.16	-3696.16	128.43	Ν	444.50	E	128.43	1.72
3805.00	11.70	63.50	3747.57	-3726.57	131.15	Ν	449.90	E	131.15	2.91
3836.00	11.30	62.70	3777.94	-3756.94	133.94	N	455.41	Ε	133.94	1.39
3867.00	11.30	62.40	3808.34	-3787.34	136.74	Ν	460.80	E	136.74	0.19
3898.00	11.40	59.50	3838.74	-3817.74	139.71	N	466.13	E.	139.71	1.87
3960.00	11.00	62.00	3899.56	-3878.56	145.59	N	476.63	E	145.59	1.01
3991.00	11.50	62.20	3929.96	-3908.96	148.42	N	481.98	E	148.42	1.62
4022.00	11.10	62.20	3960.36	-3939.36	151.26	N	487.35	E	151.26	1.29
4053.00	11.60	61.40	3990.75	-3969.75	154.14	N N	492.73	E	154.14	1.69
4084.00	11.30	63.60	4021.13	-4000.13	156.98	N N	498.19	E	156.98	1.71
4114.00	11.40	65.20 67.00	4050.55	-4029.55 -4060.03	159.53	N N	503.51	E	159.53	1.10
4146.00 4177.00	11.20	67.00	4081.93	-4060.93	162.07	N N	509.24	E	162.07	1.27
	10.30	66.80	4112.38	-4091.38	164.34	N N	514.56	E	164.34	2.91
4208.00 4239.00	10.50	65.60 66.30	4142.87	-4121.87 -4150.34	166.60	N N	519.68	E	166.60	0.95
4239.00	10.80	66.20	4173.34	-4152.34	168.94	N N	524.91	E	168.94	1.03
4270.00	10.30	64.40	4203.81	-4182.81	171.31	N N:	530.07	E	171.31	1.93
4301.00	9.70	66.10	4234.34	-4213.34 -4243.04	173.56	Ni Ni	534.95	E	173.56	2.16
4332.00 4362.00	8.90	68.90	4264.94	-4243.94 -4273.54	175.49	N N	539.58	E	175.49	2.96
4362.00	9.60	69.60 66.70	4294.54	-4273.54 -4304.05	177.19	N N	544.09	E	177.19	2.36
	10.90		4325.05	-4304.05 -4334.47	179.25	N N	549.20	E	179.25	4.51
4424.00	11.30	65.20 63.20	4355.47	-4334.47	181.69	N	554.65	E	181.69	1.59
4454.00	11.50	62.20	4384.88	-4363.88	184.31	N	559.97	E	184.31	2.09
4485.00	10.90	62.90 67.30	4415.28	-4394.28	187.09	N	565.31	E	187.09	1.98
4516.00	11.20	67.20	4445.71	-4424.71	189.59	N	570.69	E	189.59	2.83
4547.00	11.20	68.40	4476.12	-4455.12	191.87	N	576.27	E	191.87	0.75
4578.00	11.20	68.40	4506.53	-4485.53	194.08	N	581.87	E	194.08	0.00
4609.00	10.50	69.00	4536.97	-4515.97	196.20	N	587.30	E	196.20	2.29
4640.00	10.20	67 <i>.</i> 20	4567.47	-4546.47	198.28	N	592.47	Ε	198.28	1.42



Location Information

Business Unit

Project

Uinta

Operations

Phase/Area

Brundage Canyon/Lake Canyon

Well Name #7-20-46 DLB

Main Hole

Surface Location

SENW-20-4S-6W-W30M

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	Ε/W	Vertical Section (ft)	Dog Leg
	4671.00	10.40	66.00	4597.97	-4576.97	200.48	N	597.56	E	200.48	0.95
	4701.00	10.20	65.20	4627.49	-4606.49	202.70	N	602.44	E	202.70	0.82
	4732.00	10.50	63.10	4657.98	-4636.98	205.13	N	607.45	E	205.13	1.56
	4763.00	11.20	62.90	4688.43	-4667.43	207.78	N	612.65	E	207.78	2.26
	4794.00 4825.00	11.10 10.80	62.90 62.70	4718.84 4749.28	-4697.84 -4728.28	210.51	N	617.99	E	210.51	0.33
	4856.00	10.80	63.10	4749.26	-4726.26 -4758.76	213.20 215.77	N N	623.22 628.25	E E	213.20	0.98
	4887.00	10.50	62,10	4810.25	-4789.25	218.34	N	633.20	E	215.77 218.34	1.95 1.13
1	4918.00	10.00	61.50	4840.76	-4819.76	220.94	N	638.06	E	220.94	1.65
	4950.00	9.60	64.40	4872.29	-4851.29	223.42	N	642.91	E	223.42	1.98
	4980.00	9.80	64.60	4901.86	-4880.86	225.60	N	647.47	E	225.60	0.68
	5011.00	10.00	68.70	4932.40	-4911.40	227.71	N	652.36	Ε	227.71	2.36
	5042.00	10.20	68.20	4962.92	-4941.92	229.70	Ν	657.42	Е	229.70	0.70
	5073.00	10.00	69.50	4993.44	-4972.44	231.67	Ν	662.49	E	231.67	0.98
	5104.00	10.20	70.40	5023.96	-5002.96	233.53	N	667.59	E	233.53	0.82
	5135.00	10.50	71.50	5054.46	-5033.46	235.35	N	672.86	Ε	235.35	1.16
	5166.00	10.50	69.50	5084.94	-5063.94	237.23	N	678.18	E	237.23	1.17
	5197.00	10.20	71.60	5115.43	-5094.43 5124.06	239.09	N	683.43	E	239.09	1.56
	5228.00 5259.00	9.90 9.40	71.10 70.30	5145.96 5176.52	-5124.96 -5155.52	240.82	N N	688.56 693.46	E E	240.82	1.01
	5299.00	9.40 8.90	70.30	5207.12	-5186.12	242.53 244.20	N N	693.46 698.10	E	242.53 244.20	1.67 1.61
	5321.00	8.90	70.20	5237.75	-5166.12 -5216.75	245.75	N	702.64	E	245.75	0.95
	5352.00	8.50	70.00	5268.39	-5247.39	247.27	N	707.08	E	247.27	1.65
	5383.00	7.80	72.20	5299.08	-5278.08	248.70	N	711.23	E	248.70	2.47
	5414.00	7.70	71.60	5329.80	-5308.80	249.99	N	715.20	Ε	249.99	0.41
1	5445.00	7.20	72.20	5360.53	-5339.53	251.24	N	719.02	Ε	251.24	1.63
	5476.00	7.30	71.00	5391.29	-5370.29	252.48	N	722.74	E	252.48	0.58
	5507.00	6.70	71.40	5422.05	-5401.05	253.70	N	726.31	Ε	253.70	1.94
	5537.00	6.50	72.80	5451.86	-5430.86	254.76	N	729.59	E	254.76	0.85
	5568.00	6.10	75.30	5482.67	-5461.67	255.69	N	732.86	E	255.69	1.56
	5599.00 5630.00	5.60 5.90	76.60 75.70	5513.51 5544.35	-5492.51	256.46	N	735.93 738.94	E E	256,46	1.67
	5661.00	5.40	77.10	5575.20	-5523.35 -5554.20	257.21 257.93	N N	736.94	E	257.21 257.93	1.01 1.67
	5691.00	5.30	72.40	5605.07	-5584.07	257.93 258.66	N	744.61	E	258.66	1.50
	5723.00	4.90	76.30	5636.94	-5615.94	259.43	N	747.34	E	259.43	1.65
	5753.00	4.80	71.90	5666.83	-5645.83	260.12	N	749.78	Ε	260.12	1.28
	5784.00	4.20	70.80	5697.74	-5676.74	260.90	N	752.08	Ε	260.90	1.96
	5815.00	3.30	67.00	5728.67	-5707.67	261.62	N	753.98	Ε	261.62	3.01
	5847.00	3.60	68.50	5760.61	-5739.61	262.35	N	755.76	Ε	262.35	0.98
	5878.00	3.50	67.40	5791.55	-5770.55	263.07	N	757.54	E	263.07	0.39
	5909.00	3.50	64.50	5822.50	-5801.50	263.84	N	759.27	E	263.84	0.57
	5939.00 5970.00	3.20 2.90	62.20 70.90	5852.44 5883.40	-5831.44 -5862.40	264.63 265.29	N N	760.83 762.34	E E	264.63 265.29	1.10 1.78
	6001.00	3.00	68.60	5914.36	-5893.36	265.84	N	762.34 763.84	E	265.84	0.50
	6032.00	2.80	69.40	5945.32	-5924.32	266.40	N	765.30	Ε	266.40	0.66
	6063.00	2.20	66.80	5976.29	-5955.29	266.90	N	766.56	Ε	266.90	1.97
	6094.00	1.70	69.40	6007.27	-5986.27	267.30	N	767.53	Е	267.30	1.64
	6125.00	1.60	56.40	6038.26	-6017.26	267.70	Ν	768.32	E	267.70	1.25
	6155.00	0.90	67.00	6068.25	-6047.25	268.02	N	768.89	E	268.02	2.45
	6186.00	0.70	83.20	6099.25	-6078.25	268.14	N	769.30	E	268.14	0.97
	6217.00	0.50	84.40	6130.25	-6109.25	268.18	N	769.63	E	268.18	0.65
	6248.00 6279.00	0.50 0.40	112.80	6161.24	-6140.24 -6171.24	268.14	N N	769.88	E	268.14	0.79
	6279.00	0.40	84.30 169.40	6192.24 6223.24	-6171.24 -6202.24	268.09 268.00	N N	770.12 770.24	E E	268.09 268.00	0.78 1.75
	6341.00	0.70	191.00	6254.24	-6233.24	268.00 267.71	N	770.24	E	268.00	1.75 1.16
1	6372.00	0.70	160.10	6285.24	-6264.24	267.34	N	770.26	E	267.34	1.20
	6403.00	0.50	154.40	6316.24	-6295.24	267.04	N	770.38	E	267.04	0.67
	6433.00	0.50	164.50	6346.24	-6325.24	266.80	N	770.47	E	266.80	0.29
	6464.00	0.90	157.30	6377.23	-6356.23	266.44	N	770.60	Ε	266.44	1.32
	6495.00	0.80	198.80	6408.23	-6387.23	266.01	N	770.63	E	266.01	1.97
	6526.00	0.80	177.40	6439.23	-6418.23	265.59	N	770.57	E	265.59	0.96
	6557.00	1.00	198.10	6470.22	-6449.22	265.12	N	770.49	E	265.12	1.22
	6588.00	0.90	186.80	6501.22	-6480.22	264.62	N N	770.38	E	264.62	0.68
	6619.00 6650.00	1.10 1.40	187.80 191.00	6532.21 6563.21	-6511.21 -6542.21	264.08 263.42	N N	770.31 770.20	E E	264.08 263.42	0.65 0.99
1	6681.00	1.30	202.70	6594.20	-6573.20	263.42 262.72	N	769.99	E	263.42	0.99 0.94
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Location Information

Business Unit

Phase/Area

Operations

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Brundage Canyon/Lake Canyon Well Name

Surface Location

SENW-20-4S-6W-W30M

Main Hole

Project Uinta

rap. U	epth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
6	5712.00	1.40	192.30	6625.19	-6604.19	262.03	N	769.77	E	262.03	0.85
€	3743.00	1.30	195.30	6656.18	-6635.18	261.32	N	769.60	E	261.32	0.39
6	3774.00	1.60	199.10	6687.17	-6666.17	260.57	N	769.36	E	260.57	1.02
6	805.00	1.60	193.60	6718.16	-6697.16	259.74	N	769.12	E	259.74	0.49
6	835.00	1.40	189.60	6748.15	-6727.15	258.97	N	768.96	Ε	258.97	0.75
6	866.00	1.20	190.20	6779.14	-6758.14	258.28	N	768.84	Ε	258.28	0.65
6	897.00	1.10	182.70	6810.13	-6789.13	257.66	N	768.77	Ε	257.66	0.58
6	928.00	1.00	186.20	6841.13	-6820.13	257.10	N	768.73	Ε	257.10	0.38
6	959.00	1.20	185.20	6872.12	-6851.12	256.50	N	768.67	Ε	256.50	0.65
7	114.00	1.90	199.20	7027.06	-7006.06	252.46	N	767.68	E	252.46	0.51
7	175.00	1.30	196.70	7088.04	-7067.04	250.84	N	767.14	Ε	250.84	0.99
7	'360.00	0.90	210.80	7273.00	-7252.00	247.59	N	765.80	Ε	247.59	0.26
7	406.00	0.90	210.00	7319.00	-7298.00	246.96	N	765.43	Ε	246.96	0.00

DIVISION OF OIL, GAS AND MINING Wildcat Well Determination

STATEMENT OF BASIS

Applicant: Bill Barrett Corporation

Location: SWNE Sec. 20 T4S, R6W USM, Duchesne County, Utah

WELL NAME: #7-20-46 DLB **API** #: 43-013-33568

FINDINGS

- 1. The subject well produces from the Green River and Wasatch formations according to Division records.
- 2. The subject well was < 1 mile from known production in the Wasatch formation at the time of first commercial production on March 22, 2008. See Attachment A for summary of current producing wells within the one (1) mile area of review.
- 3. The subject well is approximately 1439' from the SKITZY CNY UTE 1-20-3A well (API # 43-013-30452) that also produced from the Wasatch formation from 1979-1982. The subject well is also approximately 5189' from the 7-21-46 DLB well (API # 43-013-33567) that produces from the Wasatch formation. The former well produced oil and gas in commercial quantities.
- 4. The well was drilled approximately 2000' south of existing spacing orders (defined pools) in the Lower Green River and Wasatch Formations. At the time the subject well was drilled, the #7-28-46 DLB was producing approximately 7560' to the southeast from the Wasatch formation.

CONCLUSIONS

Based on the findings above the Division has determined the #7-20-46 DLB well was drilled into a known producing area for the Wasatch Formation. This well was drilled within 1 mile of two wells that produced or were capable of producing in commercial quantities. Wells drilled in the surrounding area outside of the 1 mile radius also supports the Green River and Wasatch as being known formations in this area. No information was provided in the application that supported the subject well being drilled into a separate pool.

Therefore, the Division finds that this well does not qualify for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35 and the definition of a wildcat well in R649-1-1. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

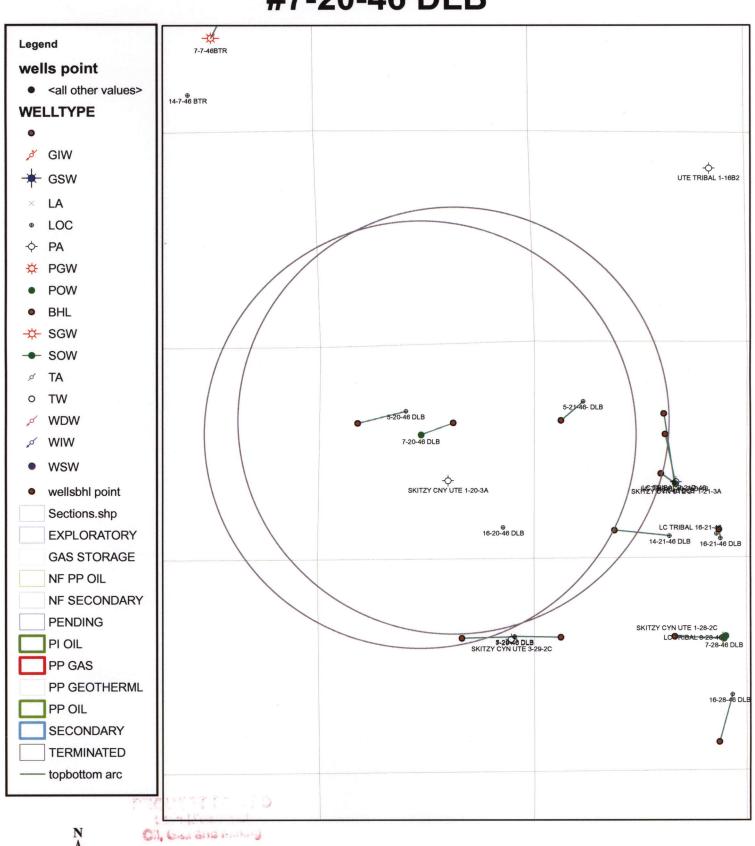
Reviewer(s): Dustin K. Doucet YKO Date: 6/10/2008

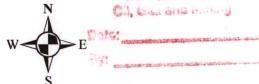
CC: Utah State Tax Commission

ATTN: Ken Petersen

	ATTACHMENT A													
1 Mile Area Of Review														
API	Well Name	Well Status	qtr_qtr	Section	Township	Range	cum_oil	cum_gas	field_type_flag	Dx from Well (ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
430133356	7 7-21-46 DLB	P	SWNE	21	040S	060W	0	0	D	5189	12/3/2007	12/21/2007	2/28/2008	Wasatch
430133356	8 7-20-46 DLB	P	SWNE	20	040S	060W	0	0	D	0	2/4/2008	2/24/2008	3/22/2008	Wasatch
430133045	2 SKITZY CNY UTE 1-20-3A	PA	NWSE	20	040S	060W	15655	49986	NA	1439	4/15/1979	5/4/1979	9/14/1979	Wasatch

BillBarrett Corporation Wildcat Area of Review #7-20-46 DLB





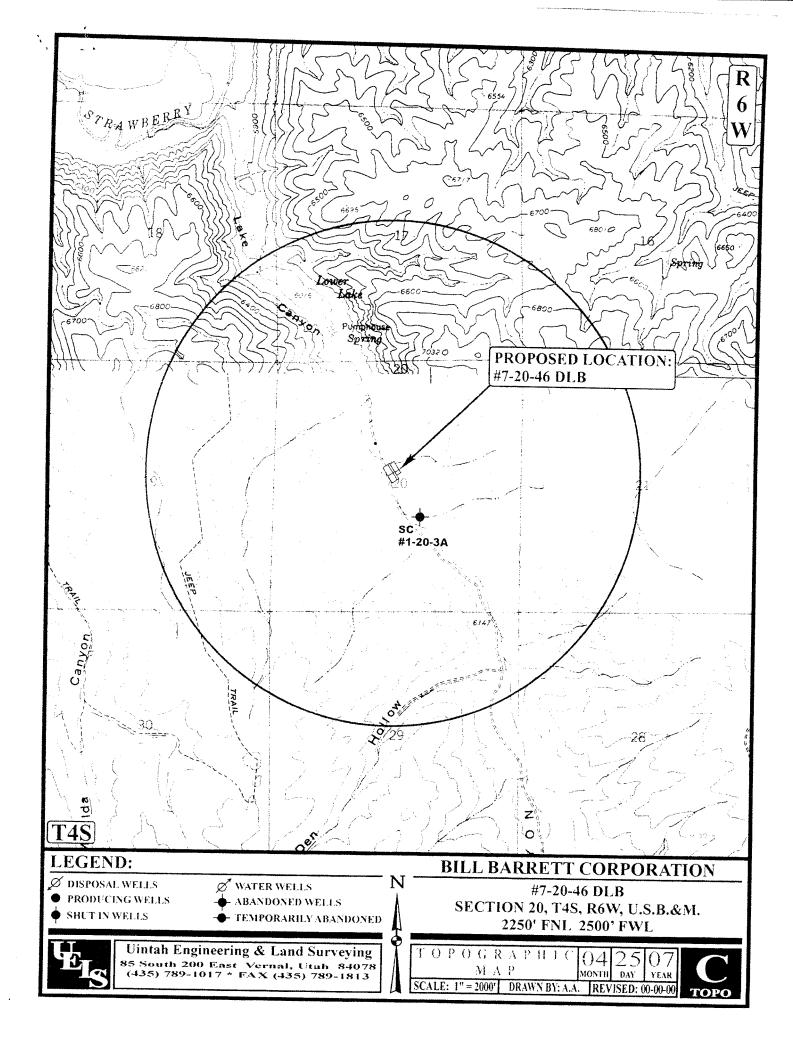
STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES	FORIN 9
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: BIA-14-20-H62-5500
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	wells, or to 7. UNIT or CA AGREEMENT NAME: N/A
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: # 7-20-46 DLB
2. NAME OF OPERATOR: Bill Barrett Corporation	9. API NUMBER: 4301333657
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER (303) 312-	: 10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	, mainone
FOOTAGES AT SURFACE: 2250' FNL x 2500' FWL	COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 20 T4S R6W	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	NN
NOTICE OF INTENT (Submit in Duplicate) ACIDIZE DEEPEN ALTER CASING FRACTURE TREAT	REPERFORATE CURRENT FORMATION
Approximate date work will start: Approximate date work will start: Casing Repair Casing Repair Casing Repair	SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUM	E) WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	Trogadorioi Triiddat
CONVERT WELL TYPE RECOMPLETE - DIFFERENT F	ORMATION Status
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, dep	oths, volumes, etc.
Bill Barrett Corporation (BBC) is requesting for "Wildcat" status for # 7-20-46 DLB w radius around the location, the completion report, and a cross section showing the producing formation for this well is the Wasatch (5442' - 6734'). The # 7-20-46 DLB production from a comparable depth within a 1 mile radius. While the # 7-28-46 DL away. The # 7-21-46 DLB had not been completed when the # 7-20-46 DLB was sp and BBC has no pressure information available. Also, attached find a Memorandum dated April 28, 2008 concerning (Re: Tax exemptions)	perfs of the # 7-20-46 DLB. The known well was drilled when there was no B had been completed, it is over 1 mile ud. There is no known geologic structure
history of the "Blacktail Ridge Area Spacing Orders" from 1971 to present; and a CE current drilled wells in the Blacktail Ridge area. This disc contains complete drilling 46 DLB. The spacing orders do not address Section 20 of T4S, R6W.	O disc outlining the well history of BBC and completion chronology of the # 7-20-
	RECEIVED
	MAY U Z 2008
	DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) Reed Haddock TITLE Permit AI	nalyst
SIGNATURE ALLA HADDOCK DATE 4/30/200	
This space for State use only) REQUEST DENIED Utah Division of	1007

(5/2000)

(See Instructions on Reverse Side

See Attached Statement of Brss.



Memorandum

To: Utah Division of Oil, Gas and Mining

From: Bill Barrett Corporation

Kurt Reinecke, SVP Exploration kreinecke@billbarrettcorp.com

303-312-8113

Re: Tax exemption under Section 59-5-102(2)(d)

Date: April 28, 2008

In order to assist in the determination of well classifications for six recently drilled oil wells west of Duchesne, Utah, Bill Barrett Corporation offers the following information.

The overall context for 5 of these 6 wells is that they were drilled as part of a continuous drilling program to determine if results from historically poor, and sub-commercial, producing wells truly did defined the edge of Cedar Rim field. Additionally, since these wells were drilled as part of a continuous program, Bill Barrett Corporation was unable to evaluate the completion results on some of its wells prior to drilling the successive location, thereby further increasing the commercial risk. Results from these 6 high risk wells has encouraged us that we can indeed extend this field beyond its present limits, however we have paid the price for this exploration work via several apparently non-commercial wells.

1. 7-7-46 BTR

- a. Classification: Wildcat
- b. Location (2323 FSL x 2465 FEL sec. 7 T4S, R6W) This well was spud on 7/14/2007. When drilled, no other well was located within 1 mile of its bottom hole location (2141 FNL x 2043 FEL), see attached forms, cross section and associated map. The 7-7-46 BTR is completed in generally the same Green River Wasatch interval as wells to the north, but we also have been completing deeper zones. This well was a significant southwesterly step out from previous uneconomic drilling that had defined the edge of Cedar Rim field for 20 years. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

2. 12-36-36 BTR

- a. Classification: Development [no forms submitted]
- b. Location (1837 FSL x 704 FWL sec. 36 T3S R6W) This well was spud 10/8/2007, and is considered development because current production exists within 1 mile of the location (see attached map on cross section). However because the well was a step out away from known production, and also drilled to test deeper potential horizons, it is considered a high risk development well.

3. 7-28-46 DLB

- a. Classification: Wildcat
- b. Location (2028 FNL x 543 FEL sec. 28 T4S R6W) This well was spud on 11/12/2007. When drilled, no other producing well was located within 1 mile of its bottom hole location (1963 FNL x 1786 FEL), see attached forms and Exhibit A. Four wells had been drilled within 1 mile during the 1978-79 timeframe. Results from these wells showed either no production to minor sub-economic production. The 7-28-46 DLB is completed in generally the same Green River Wasatch interval as wells to the north, but we also have been completing deeper zones (see cross section). This well was a significant southwesterly step out from previous uneconomic drilling that had defined the edge of Cedar Rim field for 20 years. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

4. 7-21-46 DLB

- a. Classification: Wildcat
- b. Location (1795 FSL x 1718 FEL sec. 21 T4S R6W) This well was spud 12/2/2007 directly after the 7-28-46 BTR, only the typical non-descript openhole logs were available, no completion work had yet been performed on 7-28-46 DLB. Two historical wells had been drilled within 1 mile during the 1978-79 timeframe. Results from these wells showed either no production to minor sub-economic production. The 7-21-46 DLB is completed in generally the same Green River Wasatch interval as wells to the north, but we also have been completing deeper zones (see cross section). This well was a significant southwesterly step out from previous uneconomic drilling that had defined the edge of Cedar Rim field for 20 years. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

5. 5-5-46 BTR

- a. Classification: Wildcat
- b. Location (1718 FNL x 640 FWL sec. 5 T4S R6W) This well was spud 12/7/2007. When this well was drilled two wells had been drilled within the 1 mile radius. Both these wells, drilled in 1985 and 1996, yielded subcommercial quantities of production supporting the conclusion that these wells helped defined the southwestern edge of Cedar Rim field. The 5-5-46 BTR was a high risk well that challenged the field edge concept and was completed in a similar Green River Wasatch interval as the two historical wells, but used hydraulic fracturing to stimulate the wellbore. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

6. 7-20-46 DLB

- a. Classification: Wildcat
- b. Location (2250 FNL x 2500 FWL sec 20 T4S R6W) This well was spud on 12/28/2007. When this well was drilled 1 historical well existed within 1 mile. This well, drilled in 1979, produced sub-commercial amounts of oil and gas. The newly drilled 7-21-46 DLB also existed within the 1 mile radius but this well had not been completed at the time drilling commenced on the 7-20-46 DLB. The 7-20-46 DLB is completed in generally the same Green River Wasatch interval as wells to the north, but we also have been completing deeper zones (see cross section). This well was a significant southwesterly step out from previous uneconomic drilling that had defined the edge of Cedar Rim field for 20 years. This well supports the idea that the field is a fractured stratigraphic oil trap and not a known geologic structure.

Explanation of Cross Section

- This display shows both newly drilled wells by BBC, as well as historical wells. Note how BBC well are generally drilled deeper than historical wells.
- Gamma ray and resistivity curves are presented.
- Log headers show well name and surface locations.
- Formation correlations used by Bill Barrett Corporation are indicated.
- Red markings to the left of the depth column on each well indicate where the well is completed.
- If production existed then the cumulative amount in BOE is shown along with the decline curve graph below the logs.
- The current operator is also shown below the logs.

The map in the lower right hand corner shows the general north to south cross section line.

- One mile radius circles, centered on the bottom hole location, are shown for each well that Bill Barrett Corporation has drilled.
- Posted at the well symbol is the well number on top and the cumulative production in MMBOE below the well symbol.
- The color highlight at each symbol shows a color representation of the wells cumulative MMBOE.



BLACKTAIL RIDGE AREA SPACING ORDERS

Date: April 28, 2008 To: Doug Gundry-White

I. Second Amended Spacing Order - April 23, 2008 Hearing

Cause
Summary of Order – Spacing Rules
Wells located anywhere in section, 660' from the section lines and no closer than 1,320' from any well producing from the same formation.

Lands Township 3 South, Range 5 West, USM
Sections 1 to 36

Township 4 South, Range 5 West, USM Sections 1 to 6

Township 3 South, Range 6 West, USM Sections 1 to 12

Township 3 South, Range 7 West, USM Sections 1 to 12, 14 to 23, 26 to 29, and 32 to 35

II. Spacing Rules Previously in Effect in Blacktail Ridge Area Lower Green River to Base of the Wasatch (640 acre units)

any direction.

<u>Cause</u>	Summary of Order - Spacing Rules
139-77	Wells located anywhere in section, 660' from the section lines and no closer than 1,320' from any well producing from the same formation.
139-42	Two wells allowed in each section, located at least 1,320' from any existing well and 660" from unit boundary (section line).
139-8	Wells to be located in the center of the NE¼ with tolerance of 660' in any direction (also applies to #139-17 lands).
140-6	Wells to be located in the SW¼NE¼ with a tolerance of 660' in

Statewide Wells to be located in center of 40 acre qtr-qtr, with tolerance of Rules 200' in any direction (Utah Administrative Rule R649-3-2)

III. Prior Spacing Orders and Lands

1. BBC Spacing Order #139-77 (June 18, 2007)

All wells shall be drilled 660' from the boundaries of the unit (section) and no closer than 1,320' from a well producing from the same formations without an exception location. No more than 2 wells producing from the Lower Green River - Wasatch formations without Board authorization.

35	6W	15, 16, 17, 18, 19, 20, 21, 22 and 27, 28, 29, 30, 31, 32, 33, 34	All	Amends #139-8 for Sections 13, 14, 23,24, 25, 26, 35, 36; amends #139-42 for all lands; amends 140-6 for 13, 24, 25, 36
45	6W	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	All	Amends #139-17 for Sections 3 to 18; amends #139-42 for all lands
3S	7W	13, 24, 25 and 36	All	Amends #140-15 for 13 and 25; amends #139-42 and 140-6 for all lands

2. Spacing Order 139-42

(April 1, 1985)

Effective 4-12-1985, prior orders in Cause Nos. 139-3; 139-4; 139-5; 139-8; 139-17 (Altamont); 131-11; 131-14; 131-24; 131-27; 131-32; 131-33; 131-34; 131-45; 131-55 (Bluebell); 140-6; and 140-7 (Cedar Rim-Sink Draw) are modified as of 4-12-1985 to allow for <u>Additional Wells</u> to be drilled in each section. The lower Green River/Wasatch formation is a pool as defined in Utah Code Ann. § 40-6-2(9) (1953, as amended).

Two wells may be drilled in each section based on geologic and engineering data to justify the additional well for recovery when economically feasible. Any additional well must be located at least 1,320' from the existing well on the unit and not closer than 660' from the boundary of the unit; and no two wells may be drilled in the same quarter section. All prior orders not consistent with this order are vacated (but existing orders that specify location of the initial wells in each section are not vacated).

3S	5W	1 to 36 A	Not amended by #139-77 To be amended by April 2008 BBC Application for Sections 1 to 36
3S	6W	1 to 36	Amended by #139-77 for Sections 13 to 36 To be amended by April 2008 BBC Application for Sections 1 to 12
3\$	7W	1 to 36 A	I Amended by #139-77 for Sections 13, 24, 25 and 36 To be amended by April 2008 BBC Application for Sections 1 to 12; 14 to 23; 26, 27, 28, 29, 32, 33, 34 and 35

3. Spacing Order 139-8

(September 20, 1972)

640 acre drilling units established from top of the Lower Green River to base of the Green River-Wasatch formation.

Amends prior Orders entered in Causes 139-3; 139-4; and 139-5.

Spaced interval is now defined as from the top of the Lower Green River formation (TGR3 marker) to the base of the Green River-Wasatch formation (top of Cretaceous) by reference to the stratigraphic equivalent referenced against the Shell - Ute 1-18B5 and Brotherson 1-11B4 wells.

Permitted wells shall be located in the center of the NE¼ of the section comprising the drilling unit, with a tolerance of 660' in any direction, except for exceptions granted without a hearing for topography.

All prior orders not consistent with this order are hereby vacated.

48	5W	1, 2, 3, 4, 5, 6	All	
4S	6W	1 and 2		Amended by BBC Spacing Order #139-77

4. Spacing Order 140-6

(August 11, 1971)

Makes permanent the one year spacing order in Cause No. 140-1 (8-19-1970), which set section drilling units for Lower Green River and Wasatch Formations on the lands in Section 3S-6W and 3S-7W (described below), and sets tolerance for each well as 220' from center of the SW¼NE¼ of each section on 640 acre spacing for Green River and Wasatch.

The Board made findings that there is communication between wells in adjacent sections and that one well will effectively drain the oil in one section.

By Order entered 2-17-1971 in Cause No. 140-4, Order 140-1 was extended and enlarged to include lands in 2S-7W (31 to 35); 2S-8W (31 to 36); 3S-7W (2 to 7 and 18, 19, 30 and 31); and 3S-8W (1 to 36).

The Order is now made permanent that drilling units shall be located in the center of the SW4NE4 of each section with a tolerance of 660' in any direction.

3S	6W	7, 8, 9, 10	All	Not Amended by #139-77 To be amended by April 2008 BBC Application for Sections 7, 8, 9 and 10
35	7W	1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28,		Amended by #139-77 for Sections 13, 24, 25 and 36 To be amended by April 2008 BBC Application for Sections 1 to 12; 14 to 23;
		29, 32, 33, 34, 35, 36		26, 27, 28, 29, 32, 33, 34 and 35

5. Statewide Rules - Lands not Subject to Spacing Orders

48	5W	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	All	State Location (Siting) Rules.
45	7W	1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16		State Location (Siting) Rules.

IV. Notice Requirements - Spacing Area and Adjacent Lands

Under Order #139-77, working interest owners and operators of <u>adjacent</u> drilling units impacted by modification of the 660' tolerance window (under Order #140-6) were also notified, including Sections 7 to 11 of T3S, R6W and Section 12 of T3S, R7W.

By the same logic, the <u>adjacent</u> working interest owners and operators of the lands subject to Order #140-6 (which includes the lands from #140-1 and #140-4) should also be notified, including:

T3S, R7W Sections 30 and 31

T3S, R8W Sections 1, 12, 13, 24, 25 and 36

T2S, R7W Sections 31 to 36

T2S, R8W Section 36

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

	N	ELL C	OMPL	ETIC	ON OR	RECOMPLI	ETI	ON RE	PORT	AND LO)G			5. L	ease Se	rial No.		A17-1-1111-1-1111-1-1-1-1-1-1-1-1-1-1-1-
			~								~~~		****	BIA	14-20	-H62-5500)	
la. Type of	Well	Zoi	l Well		Gas Well	Dry		Other	·····	······································						, Allottee or	Tribe	Name
b. Type of	Completio					Deepen Deepen	L! 13	lug Back	L Dit	f. Resvr.,						Tribe 'A Agreeme	and Man	and Ma
		Ot	her:			an taur da Francia ar philippi ann an gailt an agus da an sa	**********		· · · · · · · · · · · · · · · · · · ·					N/A				ne and Ivo.
2. Name of Bill Barret	t Corporat														case Na 20-46	me and Wel DLB	l No.	
3. Address	Denver, CC	80202						(3	303) 312	No. <i>(includ</i> 2-8546	le area c	ode)			FI Well 113-33			
4. Location	of Well (F	eport loc	ation cle	arly an	d in accor	dance with Fede	eral r	equiremen	nts)*							d Peol or E	kplora	lory
At surfac	2250' F SE/4, N	NL x 25	00' FWI	L	VC) AZ									i	mont	R., M., on I	125	,
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At top pr	od. interval	reported l		, , , , ,	, 0	, (12/7, 00	,	.0, 140, 1						12. (County	or Parish		3. State
At total d	coth 'FNI	x'FEL	, SW/4,	NE/4	, Sec. 20	, T4S, R6W								Ducl	nesne	County	l	TL
14. Date Sp	udded	***************************************			D. Reache	સ્વે				pleted 03/						ns (DF, RK	B, RT	, GL)*
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23. Casing Hole Size	and Liner I			1				Stage Co	ementer	No. of	Sks &	7	Slurry V	Vol 1				
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25. Produci			1				2	26. Per	foration l	Record		·	***********		······································	·	<u></u>	
A) Wasato	Formatio	n		.442'	op	Bottom			orated in	terval		Size		No. H	oles		Perf.	Status
B)	11		- 3	,442		6,734'		6,467' - 6	***		0.4			30		Open		
c)		,						<u>6,130' - 6</u> 5,969' - 6			0.4			36 36		Open Open		
D)	·····							5,700' - 8			0.4			36		Open		
27. Acid, Fi			ement Sc	uceze,	etc.							······································				0000		
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	Flwg. St	Press.	Rate	į	BBL	MCF	13131.		Ratio									
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⁽See instructions and spaces for additional data on page 2)

	uction - Inte	rval C	***************************************	***************************************						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	uction - Inte			***************************************						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oíl BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Dispos	sition of Gas	s (Solid, use	ed for fuel, ve	nted, etc.)	1					
30 Sumn	pary of Poro	us Zones 1	Include Aqui	fere)	31 Formatio	on (Log) Markers				
Show a	ill important ng depth int	zones of p	orosity and co	ontents ther		ervals and all d and shut-in pro		31. Tornano	n (Log) wancis	
Ε			D 44		n .	£ . O		İ	N Y	Тор
Forr	nation	Top	Bottom		Descrip	tions, Content	s, etc.		Name	Meas. Depth
								TGR3		2625'
								Douglas Creek Black Shale Ma	: arker	3546° 4222'
								Castle Peak		4487*
								Ute Land Butte	3	4810'
								Wasatch		5121'
								North Horn		7056
								TD		7406'
33. Indica	te which ite	ms have be	en attached by	y placing a	□Ge	propriate boxe: ologic Report re Analysis	s: DST Repo	ort :	☐ Directional Survey	
34. I herei	by certify the	at the foreg		ched inform		ete and correct			cords (see attached instructions)*	
	ignature 7	1000	240	rdd	9CK		Date 04/22/2008			
						crime for any per within its jur		d willfully to n	nake to any department or agency	of the United States any

(Continued on page 3) (Form 3160-4, page 2)

WALL T TATER ALL CAN	RATION RECOI	RD (cont.))	
INTERVAL	(Top/Bot-MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,442'	5,642'	0.44"	39	Open

27. ACID, FRACTURE,	TREATMENT, CEMENT SQUEEZE, ETC. (cont.)
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5,442' - 5,642'	64,722 gals. 20# Lighting, 144,332 lbs. 20 - 40 white sand, 5000 100 mesh sand.

Location Information

Business Unit

Well:

#7-20-46 DLB

API #/License : 43-013-33657

Project

Operations

Uinta

Surface Location :

•

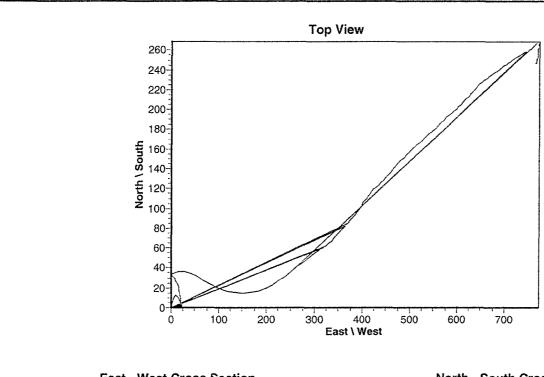
SENW-20-4S-6W-W30M

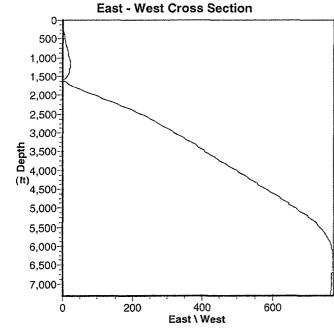
Phase/Area

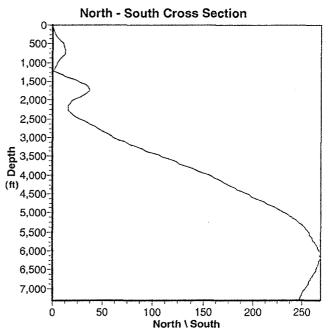
Bottom Hole Location :

Brundage Canyon/Lake Canyon

SWNE-20-4S-6W-W30M







Directional Plots

WELLCORE

Location Information

Business Unit

Well:

API #/License: 43-013-33657

Operations

#7-20-46 DLB

Project Uinta

SENW-20-4S-6W-W30M

Surface Location:

Phase/Area

Bottom Hole Location:

Brundage Canyon/Lake Canyon

SWNE-20-4S-6W-W30M

Report by Decision Dynamics Technology Ltd. Wellcore

April 10, 2008 3:38 PM



TD Date

Location Information

Business Unit

Operations Project

Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name

#7-20-46 DLB

Surface Location

SENW-20-4S-6W-W30M

Main Hole

Bottom Hole Information Survey Section Details API / License # Section KOP Date KOP (ft) (ft) SWNE-20-4S-6W-W30M 43-013-33657

> Open Hole 2 Open Hole 1

Survey Information

Survey Company

Direction of Vertical Section (°)

Magnetic Dec. Correction (°)

malti shot

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth	TVD	Sub Soc	Mandalaaa		C				
			(°)	(ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	: E/W	Vertical Section (ft)	Dog Leg	
			and the second second second second second second	0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00	
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
			,	0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
•				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
		,		0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
			1	0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	Ε	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21,00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
•				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
		•••		0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
•				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
				0.00	21.00	0.00	N	0.00	E	0.00	0.00	
			•	0.00	21.00	0.00	N	0.00	E	0.00	0.00	



Location Information

Business Unit

Operations Project

Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name #7-20-46 DLB Surface Location

SENW-20-4S-6W-W30M

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
***************************************	10 to 1 to 10 to 20 to 20 to 20 to 10 to 10 to 10 to 20 to 2	***************************************		0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
1				0.00	21.00	0.00	N	0.00	E	0.00	0.00
ļ				0.00	21.00	0.00	N	0.00	E	0.00	0.00
ļ				0.00	21.00	0.00	N.	0.00	E	0.00	0.00
ŀ				0.00	21.00	0.00	N	0.00	E	0.00	0.00
			•	0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00 0.00	21.00 21.00	0.00 0.00	N N	0.00 0.00	E	0.00 0.00	0.00 0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
		,		0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	Е	0.00	0.00
			,	0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
ļ				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N N	0.00	E	0.00	0.00
1				0.00	21.00 21.00	0.00 0.00	N N	0.00 0.00	E	0.00 0.00	0.00 0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
	*			0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
			3063.00	0.00	21.00	0.00	N	0.00	E	0.00	0.00
				0.00	21.00	0.00	N	0.00	E	0.00	0.00
	186.00	1.21	211.12	185.98	-164.98	1.68	S	1.01	W	-1.68	0.65
	309.00	1.63	213.10	308.94	-287.94	4.26	S	2.64	W	-4.26	0.34
	401.00	2.75	209.36	400.87	-379.87	7.28	S	4.44	W	-7.28	1.23
	492.00	1.75	224.35	491.80	-470.80	10.17	S	6.48	W	-10.17	1.27
	583.00	1.63	234.73	582.76	-561.76	11.92	S	8.51	W	-11.92	0.36
	675.00	1.50	272.11	674.72	-653.72	12.63	S	10.78	W	-12.63	1.10
	768.00 860.00	1.56 2.81	294.23 324.11	767.69 859.62	-746.69 -838.62	12.06 9.72	s s	13.15	W	-12.06 -9.72	0.63
	942.00	2.69	326.61	941.52	-920.52	6.49	S	15,61 17.85	W	-6.49	1.80 0.21
	1012.00	1.88	308.11	1011.46	-990.46	4,41	S	19.66	W	-4.41	1.55
	1074.00	1.31	302.11	1073.44	-1052.44	3.40	s	21,06	w	-3.40	0.96
1	1106.00	1.31	306.61	1105.43	-1084.43	2.99	S	21.66	W	-2.99	0.32
1	1178.00	1.17	24.90	1177.41	-1156.41	1.83	S	22.01	W	-1.83	2.18
	1209.00	4.20	11.40	1208.37	-1187.37	0.43	S	21.66	W	-0.43	9.92
	1240.00	4.70	9.50	1239.28	-1218.28	1.93	N	21,22	W	1.93	1.68
	1271.00	4.40	6.40	1270.18	-1249.18	4.37	N	20.88	W	4.37	1.25
	1301.00	4.90	12.00	1300.08	-1279.08	6.76	N	20.49	W	6.76	2.25
	1332.00	5.50	11.20	1330.95	-1309.95	9.52	N	19.92	W	9.52	1.95
	1363.00 1394.00	5.40 5.60	16.50 22.00	1361.81 1392.67	-1340.81 -1371.67	12.37 15.17	N	19.22 18.24	W	12.37 15.17	1.66 1.82
	1425.00	5.80	25.40	1423.51	-1402.51	17.99	N	17.00	W	17.99	1.82
	1456.00	6.50	29.00	1454.34	-1433.34	20.94	N	15.48	w	20.94	2.58
	1487.00	7.20	37.90	1485.11	-1464.11	24.01	N	13.43	w	24.01	4.10
	1518.00	7.30	46.20	1515.87	-1494.87	26.90	N	10.82	W	26.90	3.39
	1549.00	7.50	55.70	1546.61	-1525.61	29.41	N	7.73	W	29.41	3.99
}	1580.00	8.00	66.40	1577.32	-1556.32	31.41	N	4.08	W	31.41	4.92
	1610.00	9.20	70.10	1606.98	-1585.98	33.06	N	0.09	E	33.06	4.40
	1641.00	10.40	75.70	1637.53	-1616.53	34.60	N	5.13	Ē	34.60	4.94
	1672.00	10.90	80,40	1668.00	-1647.00	35.78	N	10.73	E	35.78	3.23
	1703.00 1734.00	10.60	87.20 92.00	1698.45	-1677.45 -1707.00	36.41	N	16.47	E	36.41	4.20
	1765.00	11.00 12.10	92.00 93.60	1728.90 1759.27	-1707.90 -1738.27	36.44 36.14	N N	22.28	E	36.44	3.17
	1857.00	15.90	105.80	1848.49	-1738,27 -1827,49	32.10	N	28.47 50.22	E	36.14 32.10	3.70 5.21
	1919.00	15.50	105.50	1908.18	-1887.18	27.57	N	66.38	E	27.57	0.66
	1981.00	15.50	105.20	1967.92	-1946.92	23.19	N	82.36	E	23.19	0.13
	2043.00	16.00	100.20	2027.60	-2006.60	19.50	N	98.76	E	19.50	2.33
1	2104.00	16.20	97.00	2086.20	-2065.20	16.98	N	115.48	Ε	16.98	1.49
	2167.00	16.10	92.90	2146.72	-2125.72	15.46	N	132.93	E	15.46	1.82
	2229.00	15.60	89.10	2206.36	-2185.36	15.16	N	149.85	E	15.16	1.86
Posed by Dog	cision Dynamics T		101-11	***************************************		14.3.10					1009 4E199104 De



Location Information

Business Unit

Operations Project

Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name

#7-20-46 DLB

Surface Location

SENW-20-4S-6W-W30M

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
**************************************	2291.00	15.60	87.40	2266.07	-2245.07	15.67	N	166.51	Е	15.67	0.74
	2353.00	14.90	82.60	2325.89	-2304.89	17.07	N	182.74	E	17.07	2.33
	2415.00	14.50	79.00	2385.86	-2364.86	19.58	N	198.27	E	19.58	1.61
	2475.00	13.50	74.20	2444.08	-2423.08	22.92	N	212.38	E	22.92	2.55
	2538.00	13.50	72.20	2505.34	-2484.34	27.17	N	226.46	E	27.17	0.74
	2600.00	12.50	71.10	2565.74	-2544.74	31.56	N	239.70	E	31.56	1.66
	2662.00 2723.00	13.10 12.30	69.10	2626.20	-2605.20	36.24	N	252.61	E	36.24	1.20
	2723.00	4.90	68.70 76.30	2685.71 2685.71	-2664.71 -2664.71	41.06 41.06	N	265.12 265.12	E	41.06	1.32 0.00
	2784.00	12.00	67.30	2745.93	-2724.93	44.13	N	273.50	E	41.06 44.13	11.80
	2846.00	12.10	70.90	2806.56	-2785.56	48.74	N	285.59	E	48.74	1.22
	2908.00	11.50	70.90	2867.25	-2846.25	52.89	N	297.57	E	52.89	0.97
	2970.00	10.50	69.70	2928.11	-2907.11	56.87	N	308.71	E	56.87	1.65
	3001.00	10.50	71.60	2958.59	-2937.59	58.74	N	314.04	E	58.74	1.12
	3032.00	11.10	71.90	2989.04	-2968.04	60.56	N	319.55	E	60.56	1.94
	3063.00	11.40	70.10	3019.45	-2998.45	62.53	N	325.27	E	62.53	1.49
	3094.00	11.60	67.00	3049.83	-3028.83	64.79	N	331.02	E	64.79	2.10
	3125.00	12.00	64.20	3080.17	-3059.17	67.41	N	336.79	E	67.41	2,25
	3156.00	12.00	60.30	3110.49	-3089.49	70.41	N	342.49	E	70.41	2.61
	3186.00	11.50	59.90	3139.86	-3118.86	73.46	N	347.79	E	73.46	1.69
	3217.00	11.40	61.60	3170.25	-3149.25	76.46	N	353.15	E	76.46	1.14
	3248.00	11.60	63.20	3200.62	-3179.62	79.33	N	358.63	E	79.33	1.21
	3280.00	11.20	64.10	3231.99	-3210.99	82.13	N	364.30	E	82.13	1.37
1	3311.00 3342.00	11.40 10.70	63.40 61.80	3262.39 3292.82	-3241.39 -3271.82	84.82 87.55	N N	369.75 375.02	E	84.82 87.55	0.78 2.46
	3373.00	10.50	59.80	3323.29	-3302.29	90.33	N	380.00	E	90.33	1.35
	3404.00	10.00	58.30	3353.79	-3332.79	93.17	N	384.73	E	93.17	1.83
	3434.00	9.90	56.00	3383.34	-3362.34	95.98	N	389.08	E	95.98	1.37
	3465.00	10.60	52.00	3413.85	-3392.85	99.22	N	393.54	Ē	99.22	3.22
	3496.00	11.30	53.50	3444.28	-3423.28	102.79	N	398.23	Ē	102.79	2.44
ļ	3527.00	11.60	58.50	3474.66	-3453,66	106.22	N	403.33	E	106.22	3.34
1	3558.00	11.30	57.10	3505.05	-3484.05	109.50	N	408.54	E	109.50	1.32
	3589.00	10.90	55.70	3535.47	-3514.47	112.80	N	413.51	E	112.80	1.56
	3620.00	11.10	58.20	3565.90	-3544.90	116.03	N	418.46	E	116.03	1.67
	3650.00	11.40	62.80	3595.32	-3574.32	118.90	N	423.56	E	118.90	3.15
	3681.00	10.90	68.00	3625.74	-3604.74	121.40	N	429.00	E	121.40	3.62
	3712.00	10.50	67.10	3656.20	-3635.20	123.60	N	434.32	E	123.60	1.40
	3743.00	10.30	64.10	3686.69	-3665.69	125.91	N	439.41	E	125.91	1.86
}	3774.00 3805.00	10.80 11.70	63.10 63.50	3717.16	-3696.16	128.43 131.15	N	444.50	E	128.43	1.72
	3836.00	11.30	62.70	3747.57 3777.94	-3726.57 -3756.94	133.94	N	449.90 455.41	E	131.15	2.91
	3867.00	11.30	62.40	3808.34	-3787.34	136.74	N	460.80	E E	133.94 136.74	1.39 0.19
	3898.00	11.40	59.50	3838.74	-3817.74	139.71	N	466.13	E	139.71	1.87
1	3960.00	11.00	62.00	3899.56	-3878.56	145.59	N	476.63	E	145.59	1.01
	3991.00	11.50	62.20	3929.96	-3908.96	148.42	N	481.98	Ē	148.42	1.62
I	4022.00	11.10	62.20	3960.36	-3939.36	151.26	N	487.35	Ε	151.26	1.29
	4053.00	11.60	61.40	3990.75	-3969.75	154.14	N	492.73	E	154.14	1.69
	4084.00	11.30	63.60	4021.13	-4000.13	156.98	N	498.19	E	156.98	1.71
	4114.00	11.40	65.20	4050.55	-4029.55	159.53	N	503.51	E	159.53	1.10
	4146.00	11.20	67.00	4081.93	-4060.93	162.07	N	509.24	E	162.07	1.27
	4177.00	10.30	66.80	4112.38	-4091.38	164.34	N	514.56	E	164.34	2.91
	4208.00 4239.00	10.50 10.80	65.60 66.20	4142.87	-4121.87	166.60	N	519.68	E	166.60	0.95
İ	4239.00	10.80	64.40	4173.34 4203.81	-4152.34 -4182.81	168,94 171,31	N N	524.91 520.07	E	168.94	1.03
	4301.00	9.70	66.10	4234.34	-4182.81 -4213.34	171.31	N N	530.07 534.95	E	171.31 173.56	1.93 2.16
	4332,00	8.90	68.90	4264.94	-4243.94	175.49	N	539.58	E	175.49	2.16
	4362.00	9.60	69.60	4294.54	-4273.54	177.19	N	544.09	E	177.19	2.36
	4393.00	10.90	66.70	4325.05	-4304.05	179.25	N	549.20	E	179.25	4.51
	4424.00	11.30	65.20	4355.47	-4334.47	181.69	N	554.65	E	181.69	1.59
	4454.00	11.50	62.20	4384.88	-4363.88	184.31	N	559.97	E	184.31	2.09
	4485.00	10.90	62.90	4415.28	-4394.28	187.09	N	565.31	E	187.09	1.98
	4516.00	11.20	67.20	4445.71	-4424.71	189.59	N	570.69	E	189.59	2.83
1	4547.00	11.20	68.40	4476.12	-4455.12	191.87	N	576.27	E	191.87	0.75
	4578.00 4609.00	11.20	68.40	4506.53	-4485.53	194.08	N	581.87	E	194.08	0.00
	4640.00	10.50 10.20	69.00 67.20	4536.97 4567.47	-4515.97 -4546.47	196.20	N	587.30	E	196.20	2.29
<u></u>	7040.00	10.20	01.20	4567.47	-4546.47	198.28	N	592.47	E	198.28	1.42



Location Information

Business Unit Operations Project

Uinta

Phase/Area Brundage Canyon/Lake Canyon

Well Name #7-20-46 DLB Surface Location SENW-20-4S-6W-W30M

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
	4671.00	10.40	66.00	4597.97	-4576.97	200.48	N	597.56	Е	200.48	0.95
	4701.00	10.20	65.20	4627.49	-4606.49	202.70	N	602.44	E	202.70	0.82
	4732.00	10.50	63.10	4657.98	-4636.98	205.13	N	607.45	E	205.13	1.56
	4763.00 4794.00	11.20	62.90	4688.43	-4667.43	207.78	N	612.65	E	207.78	2.26
	4825.00	11.10 10.80	62.90 62.70	4718.84 4749.28	-4697.84	210.51	N	617.99	E	210.51	0.33
	4856.00	10.20	63.10	4779.76	-4728.28 -4758.76	213.20 215.77	N	623.22	E	213.20	0.98
	4887.00	10.50	62.10	4810.25	-4789.25	218.34	N	628.25 633.20	E	215.77	1.95
	4918.00	10.00	61.50	4840.76	-4819.76	220.94	N	638.06	E	218.34 220.94	1.13 1.65
	4950.00	9.60	64.40	4872.29	-4851.29	223.42	N	642.91	E	223.42	1.98
	4980.00	9.80	64.60	4901.86	-4880.86	225.60	N	647.47	E	225.60	0.68
	5011.00	10.00	68.70	4932.40	-4911.40	227.71	N	652.36	E	227.71	2.36
	5042.00	10.20	68.20	4962.92	-4941.92	229.70	N	657.42	E	229.70	0.70
	5073.00	10.00	69.50	4993.44	-4972.44	231.67	N	662.49	Ε	231.67	0.98
	5104.00	10.20	70.40	5023.96	-5002.96	233.53	N	667.59	E	233.53	0.82
ŀ	5135,00	10.50	71.50	5054.46	-5033.46	235.35	N	672.86	Ε	235.35	1.16
	5166.00	10.50	69.50	5084.94	-5063.94	237.23	Ν	678.18	E	237.23	1.17
	5197.00	10.20	71.60	5115.43	-5094.43	239.09	N	683.43	E	239.09	1.56
	5228,00	9.90	71.10	5145.96	-5124.96	240.82	N	688.56	E	240.82	1.01
1	5259.00	9.40	70.30	5176.52	-5155.52	242.53	N	693.46	E	242.53	1.67
	5290.00	8.90	70.20	5207.12	-5186.12	244.20	N	698.10	E	244.20	1.61
1	5321.00	8.90	72.10	5237.75	-5216.75	245.75	N	702.64	E	245.75	0.95
	5352.00	8.50	70.00	5268.39	-5247.39	247.27	N	707.08	E	247.27	1.65
	5383.00	7.80	72.20	5299.08	-5278.08	248.70	N	711.23	E	248.70	2.47
	5414.00 5445.00	7.70 7.20	71.60 72.20	5329.80 5360.53	-5308.80 -5330.53	249.99	N	715.20	E	249.99	0.41
	5476.00	7.20	72.20	5391.29	-5339.53 -5370.29	251.24 252.48	N N	719.02 722.74	E	251.24 252.48	1.63 0.58
	5507.00	6.70	71.40	5422.05	-5370.29 -5401.05	253.70	N	726.31	E	253.70	1.94
	5537.00	6.50	72.80	5451.86	-5430.86	254.76	N	729.59	E	253.70 254.76	0.85
	5568.00	6.10	75.30	5482.67	-5461.67	255.69	N	732.86	E	255.69	1.56
	5599.00	5.60	76.60	5513.51	-5492.51	256.46	N	735.93	E	256.46	1.67
<u> </u>	5630.00	5.90	75.70	5544.35	-5523.35	257.21	N	738.94	E	257.21	1.01
	5661,00	5.40	77.10	5575.20	-5554.20	257.93	N	741.91	E	257.93	1.67
]	5691.00	5.30	72.40	5605.07	-5584.07	258.66	N	744.61	E	258.66	1.50
<u> </u>	5723.00	4.90	76.30	5636.94	-5615.94	259.43	N	747.34	Ε	259.43	1.65
	5753.00	4.80	71,90	5666.83	-5645.83	260.12	N	749.78	E	260.12	1.28
	5784.00	4.20	70.80	5697.74	-5676.74	260.90	N	752.08	E	260.90	1.96
	5815.00	3.30	67,00	5728.67	-5707.67	261.62	N	753.98	Ε	261.62	3.01
	5847.00	3.60	68.50	5760.61	-5739.61	262.35	N	755.76	E	262.35	0.98
l	5878.00	3.50	67.40	5791.55	-5770.55	263.07	N	757.54	E	263.07	0.39
	5909.00	3.50	64.50	5822.50	-5801.50	263.84	N	759.27	E	263.84	0.57
	5939.00	3.20	62.20	5852.44	-5831.44	264.63	N	760.83	E	264.63	1.10
	5970.00 6001.00	2.90 3.00	70.90 68.60	5883.40 5914.36	-5862.40 -5893.36	265.29 265.84	N	762.34 763.84	E	265.29	1.78
	6032.00	2.80	69.40	5945.32	-5893.36 -5924.32	265.84 266.40	N N	763.84 765.30	E	265.84 266.40	0.50 0.66
	6063.00	2.20	66.80	5976.29	-5924.32 -5955.29	266.90	N	765.30 766.56	E	266.90	1.97
1	6094.00	1.70	69,40	6007.27	-5986.27	267.30	N	767.53	E	267.30	1.64
	6125.00	1.60	56.40	6038.26	-6017.26	267.70	N	768.32	E	267.70	1.25
	6155.00	0.90	67.00	6068.25	-6047.25	268.02	N	768.89	E	268.02	2.45
	6186.00	0.70	83.20	6099.25	-6078.25	268.14	N	769.30	E	268.14	0.97
	6217.00	0.50	84.40	6130.25	-6109.25	268.18	N	769.63	E	268.18	0.65
	6248.00	0.50	112.80	6161.24	-6140.24	268.14	N	769,88	E	268.14	0.79
	6279.00	0.40	84.30	6192.24	-6171.24	268.09	N	770.12	E	268.09	0.78
	6310.00	0.40	169.40	6223.24	-6202.24	268.00	N	770.24	E	268.00	1.75
	6341.00	0.70	191.00	6254.24	-6233.24	267.71	N	770.23	E	267.71	1.16
	6372.00	0.70	160.10	6285.24	-6264.24	267.34	N	770.26	E	267.34	1.20
	6403.00	0.50	154.40	6316.24	-6295.24	267.04	N	770.38	E	267.04	0.67
	6433.00 6464.00	0.50 0.90	164.50 157.30	6346.24 6377 23	-6325.24 -6356.23	266.80	N N	770.47	E	266.80	0.29
	6495.00	0.90	198.80	6377.23 6408.23	-6356.23 -6387.23	266.44 266.01	N N	770.60	E	266.44	1.32
	6526.00	0.80	177.40	6439.23	-6387.23 -6418.23	266.01 265.59	N	770.63 770.57	E	266.01	1.97
1	6557.00	1.00	198.10	6470.22	-6449.22	265.12	N	770.57	E	265.59 265.12	0.96
	6588.00	0.90	186.80	6501.22	-6480.22	264.62	N	770.49	E	264.62	1.22 0.68
	6619.00	1.10	187.80	6532.21	-6511.21	264.08	Ni	770.31	E	264.08	0.68
	6650.00	1.40	191.00	6563.21	-6542.21	263.42	N	770.20	E	263.42	0.99
	6681.00	1.30	202.70	6594.20	-6573.20	262.72	N	769.99	E	262.72	0.94
Panad by Dan		Technology I to 3	de transcension					. 55.55			V.U**

Directional Surveys



Location Information

Business Unit

Operations Project

Uinta

Phase/Area

Brundage Canyon/Lake Canyon

Well Name #7-20-46 DLB Surface Location

SENW-20-4S-6W-W30M

Main Hole

Extrap.	Depth MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Sub Sea (ft)	Northings (ft)	N/S	Eastings (ft)	E/W	Vertical Section (ft)	Dog Leg
*****	6712.00	1.40	192.30	6625.19	-6604.19	262.03	N	769.77	E	262.03	0.85
	6743.00	1.30	195.30	6656.18	-6635.18	261.32	N	769.60	E	261.32	0.39
	6774.00	1.60	199.10	6687.17	-6666.17	260.57	N	769.36	E	260.57	1.02
	6805.00	1.60	193.60	6718.16	-6697.16	259.74	N	769.12	E	259.74	0.49
	6835.00	1.40	189.60	6748.15	-6727.15	258.97	N	768.96	Ε	258.97	0.75
	6866.00	1.20	190.20	6779.14	-6758.14	258.28	N	768.84	E	258.28	0.65
	6897.00	1.10	182.70	6810.13	-6789.13	257.66	N	768.77	Ε	257.66	0.58
	6928.00	1.00	186.20	6841.13	-6820.13	257.10	N	768.73	Ε	257.10	0.38
	6959.00	1.20	185.20	6872.12	-6851.12	256.50	N	768.67	Ε	256.50	0.65
	7114.00	1.90	199.20	7027.06	-7006.06	252.46	N	767.68	Ε	252.46	0.51
	7175.00	1.30	196.70	7088.04	-7067.04	250.84	N	767.14	E	250.84	0.99
	7360.00	0.90	210.80	7273.00	-7252.00	247.59	N	765.80	Ε	247.59	0.26
	7406.00	0.90	210.00	7319.00	-7298.00	246.96	N	765.43	Ε	246.96	0.00

DIVISION OF OIL, GAS AND MINING

Wildcat Well Determination STATEMENT OF BASIS

Applicant: Bill Barrett Corporation

Location: SWNE Sec. 20 T4S, R6W USM, Duchesne County, Utah

WELL NAME: #7-20-46 DLB **API #**: 43-013-33568

FINDINGS

- The subject well produces from the Green River and Wasatch formations according to Division records.
- 2. The subject well was < 1 mile from known production in the Wasatch formation at the time of first commercial production on March 22, 2008. See Attachment A for summary of current producing wells within the one (1) mile area of review.
- 3. The subject well is approximately 1439' from the SKITZY CNY UTE 1-20-3A well (API # 43-013-30452) that also produced from the Wasatch formation from 1979-1982. The subject well is also approximately 5189' from the 7-21-46 DLB well (API # 43-013-33567) that produces from the Wasatch formation. The former well produced oil and gas in commercial quantities.
- 4. The well was drilled approximately 2000' south of existing spacing orders (defined pools) in the Lower Green River and Wasatch Formations. At the time the subject well was drilled, the #7-28-46 DLB was producing approximately 7560' to the southeast from the Wasatch formation.

CONCLUSIONS

Based on the findings above the Division has determined the #7-20-46 DLB well was drilled into a known producing area for the Wasatch Formation. This well was drilled within 1 mile of two wells that produced or were capable of producing in commercial quantities. Wells drilled in the surrounding area outside of the 1 mile radius also supports the Green River and Wasatch as being known formations in this area. No information was provided in the application that supported the subject well being drilled into a separate pool.

Therefore, the Division finds that this well does not qualify for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35 and the definition of a wildcat well in R649-1-1. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

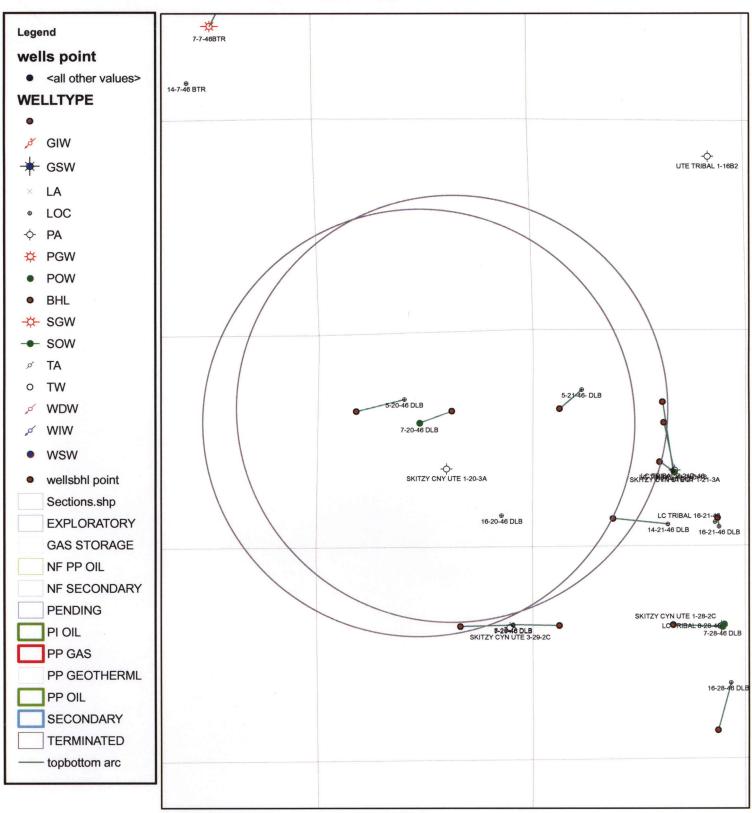
Reviewer(s): Dustin K. Doucet 100 Date: 6/10/2008

CC: Utah State Tax Commission

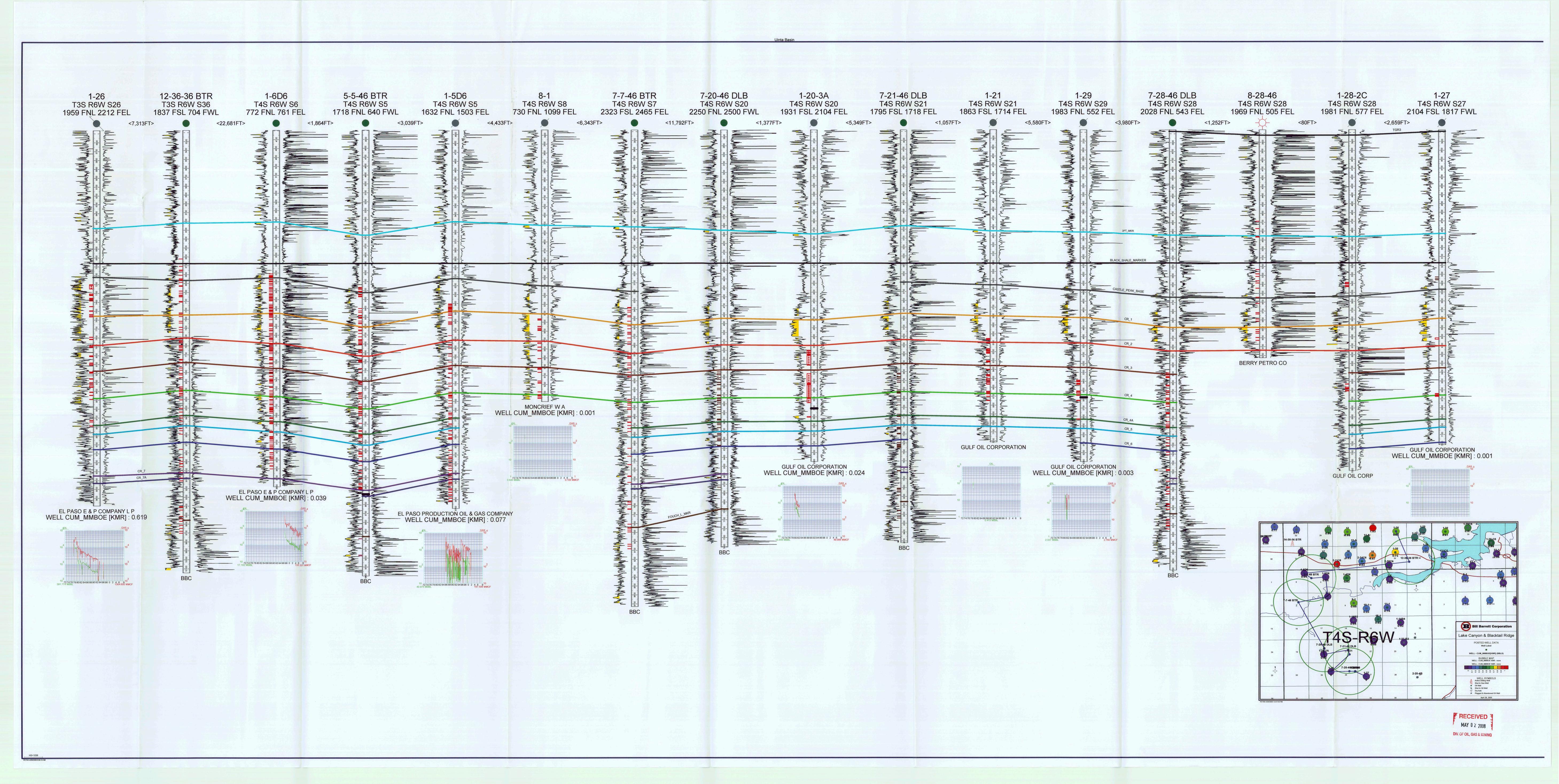
ATTN: Ken Petersen

ATTACHMENT A														
	1 Mile Area Of Review													
API	Well Name	Well Status	qtr_qtr	Section	Township	Range	cum_oil	cum_gas	field_type_flag	Dx from Well (ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
4301333567	7 7-21-46 DLB	P	SWNE	21	0408	060W	0	0	D	5189	12/3/2007	12/21/2007	2/28/2008	Wasatch
4301333568	7-20-46 DLB	P	SWNE	20	0408	060W	0	0	D	0	2/4/2008	2/24/2008	3/22/2008	Wasatch
4301330452	SKITZY CNY UTE 1-20-3A	PA	NWSE	20	0408	060W	15655	49986	NA	1439	4/15/1979	5/4/1979	9/14/1979	Wasatch

BillBarrett Corporation Wildcat Area of Review #7-20-46 DLB







	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500		
SUNDF	SUNDRY NOTICES AND REPORTS ON WELLS				
	sals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: 7-20-46 DLB		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43013336570000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		DNE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2250 FNL 2500 FWL QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SENW Section: 20	i P, RANGE, MERIDIAN: Township: 04.0S Range: 06.0W Meridian	: U	COUNTY: DUCHESNE STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME		
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION		
8/22/2008	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Jule of Spaul	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL		
Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Correction to lease num		
This Sundry is being	MPLETED OPERATIONS. Clearly show all per submitted to indicate that the correct lease number is 14-20 your information with this l	ne lease for this section has I-H62-6227. Please update ease. I Oi	5		
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst			
SIGNATURE N/A		DATE 8/11/2010			

Sundry Number: 23095 API Well Number: 43013336570000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	S	FORM 9
l	DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6227
	RY NOTICES AND REPORTS O		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	oposals to drill new wells, significantly do reenter plugged wells, or to drill horizont n for such proposals.	eepen existing wells below al laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: 7-20-46 DLB
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43013336570000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		PHONE NUMBER: 03 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2250 FNL 2500 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 20 Township: 04.0S Range: 06.0W Merid	ian: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
3/15/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all	pertinent details including dates.	lenths, volumes, etc.
subject well on 03/2 time due to the Wasatch formation. above existing per River recomplete. F has been spaced w	ng submitted to request appro 15/2012. This well is currentl pump being broke down, but BBC plans to pull existing roo rforations and prepare wellbo Please see recomplete proced ith Docket 2011-019; Cause er Green River and Wasatch f	y not producing at this was producing the ds and tubing, set CBP re for a Lower Green ure attached. This well 139-87 which includes	Accepted by the Utah Division of Oil, Gas and Mining Date: February 16, 2012 By: Down County
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBE 303 312-8172	R TITLE Senior Permit Analyst	
SIGNATURE N/A		DATE 2/15/2012	



7-20-46 DLB RECOMPLETE PROCEDURES

Section 20–T4S–R6W Duchesne County, Utah API # 43-013-33657

February 15, 2012

AFE#

OBJECTIVE

Pull existing rods and tubing, set CBP above existing perforations, and prepare wellbore for a Lower Green River recomplete. Perforate and frac Lower Green River per the procedure below. Drill out CBP's run tubing and return well to production.

MATERIAL NEEDS:

Fresh Water: 15,046 BBL's

Sand: 792,000 pounds 20/40 White and 55,915 pounds 100 Mesh, to be supplied

by Service Company

CURRENT WELL STATUS

Currently the well is not producing.

COMPLETION PROCEDURE

- 1. **Safety is the highest priority**. Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
- 2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up of same, be sure all necessary contractors are present and agree as to the layout of location.
- 3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
- 4. Pressure test flowback iron.
- 5. MIRU workover rig to pull rods and tubing.
- 6. Flush well with 300 BBL's heated fresh water using workover rig pump.

RECEIVED: Feb. 15, 2012

- 7. RDMO workover rig and associated equipment.
- 8. MIRU WL unit and lubricator.
- 9. RIH with gage ring to 5,450'.
- 10. RIH with CIBP set at 5,439 MD.
- 11. ND production tree and NU frac tree.
- 12. Pressure test casing and CBP to 4,500 psi, hold for 15 minutes, monitor and record bleed off
- 13. Perforate Stage 6R of Wasatch as follows:

T tilisimite z tilge				
	FROM	то	SHOTS	Phasing
STAGE 6R				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	5266	5267	3	120
	5273	5274	3	120
	5288	5289	3	120
	5299	5300	3	120
	5306	5307	3	120
	5325	5326	3	120
	5345	5346	3	120
	5359	5360	3	120
	5373	5374	3	120
	5378	5379	3	120
	5390	5391	3	120
	5403	5404	3	120
	5418	5419	3	120
Total			39	

- 14. MIRU & spot Halliburton Frac equipment.
- 15. Pressures test all lines to 10,000 psi.
- 16. Fracture stimulate interval # 6R per designs.
- 17. PU & RIH with CBP and perforating guns.
- 18. Set CBP @ 5,266'
- 19. Perforate Stage 7R of Wasatch as follows:



	FROM	то	SHOTS	Phasing
STAGE 7R				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	5057	5058	3	120
	5074	5075	3	120
	5107	5108	3	120
	5119	5120	3	120
	5135	5136	3	120
	5145	5146	3	120
	5156	5157	3	120
	5164	5165	3	120
	5175	5176	3	120
	5189	5190	3	120
	5196	5197	3	120
	5210	5211	3	120
	5217	5218	3	120
	5236	5237	3	120
	5245	5246	3	120
Total			45	

- 20. Fracture stimulate interval #7R per design.
- 21. PU & RIH with CBP and perforating guns.
- 22. Set CBP @ 4,836'.
- 23. Perforate Stage 8R of Lower Green River as follows:

				.
	FROM	TO	SHOTS	Phasing
STAGE 8R				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	4845	4846	3	120
	4857	4858	3	120
	4879	4880	3	120
	4892	4893	3	120
	4903	4904	3	120
	4915	4916	3	120
	4933	4934	3	120
	4951	4952	3	120
	4965	4966	3	120
	4975	4976	3	120
	4985	4986	3	120
	4999	5000	3	120
	5011	5012	3	120
	5019	5020	3	120
	5030	5031	3	120
Total			45	

24. Fracture stimulate Lower Green River interval # 8R per design.

- 25. PU & RIH with CBP and perforating guns.
- 26. Set CBP @ 4,836'.
- 27. Perforate Stage 9R of Lower Green River as follows:

	FROM	то	SHOTS	Phasing
STAGE 9R				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	4655	4656	3	120
	4667	4668	3	120
	4690	4691	3	120
	4699	4700	3	120
	4710	4711	3	120
	4723	4724	3	120
	4733	4734	3	120
	4745	4746	3	120
	4755	4756	3	120
	4771	4772	3	120
	4783	4784	3	120
	4796	4797	3	120
	4805	4806	3	120
	4815	4816	3	120
Total			42	

- 28. Fracture stimulate Lower Green River interval # 9R per design.
- 29. PU & RIH with CBP and perforating guns.
- 30. Set CBP @ 4,650'.
- 31. Perforate Stage 10R of Lower Green River as follows:

	FROM	TO	SHOTS	Phasing
STAGE 10R				
GUN SYSTEM	3 1/8			
CHARGE	3104 PJO			
	4453	4454	3	120
	4467	4468	3	120
	4477	4478	3	120
	4489	4490	3	120
	4503	4504	3	120
	4511	4512	3	120
	4529	4530	3	120
	4537	4538	3	120
	4559	4560	3	120
	4579	4580	3	120
	4592	4593	3	120
	4613	4614	3	120
	4629	4630	3	120
Total			39	



- 32. Fracture stimulate Lower Green River interval # 10R per design.
- 33. RD Halliburton frac equipment, clear location of all unnecessary personnel and equipment.
- 34. Set CBP @ +/- 4,400'.
- 35. ND frac tree and NU production tree and BOP's.
- 36. MIRU workover rig unit
- 37. Drill out CBP's and land tubing.
- 38. Return well to production.

CASING DATA

STRING	SIZE	WEIGHT	GRADE	DEPTH
Surface	9-5/8"	36#	J-55	9,71'
Production	5-1/2"	17#	I-80	7,406'

PRESSURE AND DIMENSIONAL DATA

SIZE	WEIGHT	GRADE	BURST	COLLAPSE	DRIFT
9-5/8"	36#	J-55	3,520 psi	2,020 psi	8.765"
5 1/2"	17.0#	I-80	7,740 psi	6,280 psi	4.767"

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER:
	DIVISION OF OIL, GAS, AND WIL		14-20-H62-5500
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: 7-20-46 DLB
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43013336570000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2250 FNL 2500 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 20 Township: 04.0S Range: 06.0W Mei	ridian: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
6/12/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
Attached to this su the Lower Gree 6/12/2012. Pleas	COMPLETED OPERATIONS. Clearly show undry are procedures that to en River formation on this we contact Megan Finnegan questions.	ook place to recomplete vell from 6/4/2012 – at 303-299-9949 with	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 03, 2012
NAME (PLEASE PRINT) Megan Finnegan	PHONE NUM! 303 299-9949	BER TITLE Permit Analyst	
SIGNATURE N/A		DATE 7/3/2012	



API/UWI	46 DLB		State/Provinc		County	Field Nam	e	Well Status	Total Dept	h (ftKB)	Primary Job Type		
43-013-3			Utah		Duchesne Brui Can Can		ge /Lake	PRODUCING	Total Bopt		Recompletion		
Time Lo Start Time		End Time	e Code		Catanani				Com				
06:00	Dur (hr) 24.00	06:00	GOP	Genera	Category I Operations			c Line. HES Spotted Ma		June 2nd.			
							HES Spo	t Movers.					
	46 DLB				- 6/6/2012	06:00 Field Nam			IT	(61/2)	In		
API/UWI 43-013-3	33657		State/Provinc Utah	e	County Duchesne		e ge /Lake	Well Status PRODUCING	Total Dept		Primary Job Type Recompletion		
Time Lo Start Time		End Time	e Code		Cotogony				Com				
06:00	Dur (hr) 1.50	End Time	LOCL	Lock W	Category ellhead & Secure	<u> </u>	WSI And	Secured. 0 Psi. On We					
07:30		08:30	SRIG	Rig Up/		-		SLB Arrive On Location		Meetings. Star	t Rigging Up.		
08:30	0.75	09:15	PTST	Pressui	re Test		Test Lub	ricator To 4200#. Arm (Gun.				
09:15		10:15	PFRT	Perfora	·		.36" Pend Composi Dated 03 To Depth 5299 - 00 5325 - 26 39 Holes	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, 36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To Baker Hughes Composite Resistivity Neutron Density Dated 02/25/2008 And Lone Wolf CBL/CCL Dated 03/03/2008. Found And Correlated To Marker Joint At 5,021 - 5,053'. Drop Down To Depth, Perforate Stage 6 CR-2 Zone As Follows: 5266 - 67, 5273 - 74, 5288 - 89, 5299 - 00, 5306 - 07, 3325 - 26, 5345 - 46, 5359 - 60, 5373 - 74, 5378 - 79, 5390 - 91, 5403 - 04, 5418 - 19. 39 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.					
10:15		12:15	SRIG	Rig Up/				sh Rigging Up					
12:15						WSI And	Secured. SDFD.						
7-20-	46 DLB	6/6/2	2012 00	6:00 ·	- 6/7/2012	06:00							
api/uwi 43-013-3	33657		State/Provinc Utah	e	County Duchesne	Field Nam Brunda Canyon Canyon	ge /Lake	Well Status PRODUCING	Total Dept		Primary Job Type Recompletion		
Time Lo					•								
Start Time 06:00	Dur (hr) 1.09	End Time 07:05	GOP	Genera	Category I Operations			w On Location At 0500 Psi., Hold Safety Meeti			id Pumps, Pressure Test ood.		
07:05	1.33	08:25	FRAC	Frac. Jo	ob		Open We BrokeDor Pump 39 ShutDow Get Stab Holes Op Pump FR And 4# 2 Isdp, 211 Total 20/ Total 3% Bbls BWTR: 3 Max Rate Avg. Rate Max. Pre	pen. R Pad With 3% KCL, St 0/40 White Stages. 2 Psi., .84 FG. 40 White: 156,900#	9 Bpm. h 78 Bio Balls, F s Fall, Psi. And 70.5 B art XLink, Stage	pm. Get Isip, 2 Into Pad Stag	ls. Over Bottom Perf., 2098 Psi., .83 FG., 36/39 e, Then To 2#, 3#, 3.5#, ter: 65,664 Gals 1,563		
08:25	0.25	08:40	CTUW	W/L Op	peration			ll Over To W/L, Arm Gu ople Up To Well. Equlai:	· •	Baker 20 Sett	ing Kit And HES FAS Dril		
08:40 1.00 09:40 PFRT Perforating				RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To Baker Hughes Composite Resistivity Neutron Density Dated 02/25/2008 And Lone Wolf CBL/CCL Dated 03/03/2008. Found And Correlated To Marker Joint At 5,021 - 5,053'. Drop Dow To Depth, Set CBP At 5,262'. Well Psi., 1700 Psi., Perforate Stage 7 CR-2/Wasatch Zone As Follows: 5057 - 58, 5074 - 75, 5107 - 08, 5119 - 20, 5135 - 36, 5145 - 46, 515 - 57, 5164 - 65, 5175 - 76, 5189 - 90, 5196 - 97, 5210 - 11, 5217 - 18, 5236 - 37, 5245 - 46. Well Psi., 1500 Psi., 45 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.									

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Time Lo												
Start Time	Dur (hr)	End Time		General	Category		Turn \//all	Over To HES Pressure T	Com			
09:40 09:50	0.17 1.33	09:50 11:10	GOP FRAC	General Frac. Jo	l Operations ob		Frac Stag Open We BrokeDov Pump 390 ShutDowr Get Stabil Holes Ope Pump FR And 4# 20 Isdp, 179 Total 20/4 Total 3% Bbls BWTR: 34 Max Rate Avg. Rate Max. Pres Turn Well	e 7. Fluid System: Hybor G II, 722# Icp. In At 3807 Psi. And 9.2 Bp 00 Gals. 15% Acid With 90 of For 15 Min., Let Balls Fall ized Inj. Rate At 2996 Psi. en. Pad With 3% KCL, Start X 0/40 White Stages. I Psi., .79 FG. 0 White: 166,800# KCL: 71,828 Gals 1,599 484 Bbls. 1 71.1 Bpm 1 70.7 Bpm 1 Starre: 3,123 Psi. 1 Sure: 2,858 Psi.	est To 8500 Psi., Equalize To Well Pressure. 3 16 m. Bio Balls, Flush To 10 Bbls. Over Bottom Perf., I, And 70.6 Bpm. Get Isip, 1681 Psi., .77 FG., 40/45 (Link, Stage Into Pad Stage, Then To 2#, 3#, 3.5#, Bbls Total Produced Water: 64,900 Gals 1,545			
11:25		12:20	PFRT	Perforat			CBP, Nipple Up To Well. Equlaize And Open. RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasi .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To Baker Hu Composite Resistivity Neutron Density Dated 02/25/2008 And Lone Wolf CE Dated 03/03/2008. Found And Correlated To Marker Joint At 5,021 - 5,053' To Depth, Set CBP At 5,048'. Well Psi., 1700 Psi., Perforate Stage 8 CR-1A 1/UteLand Butte Zone As Follows: 4845 - 46, 4857 - 58, 4879 - 80, 4892 - 9 4915 - 16, 4933 - 34, 4951 - 52, 4965 - 66, 4975 - 76, 4985 - 86, 4 5011 - 12, 5019 - 20, 5030 - 31. Well Psi., 1400 Psi., 45 Holes. POOH. LayDown Gun, Shots Fired, WSI And Secured.					
12:20		12:25	GOP		l Operations			est To 8500 Psi., Equalize To Well Pressure.				
12:25		13:50	FRAC	Frac. Jo			Frac Stage 8. Fluid System: Hybor G 16 Open Well, 735# Icp. BrokeDown At 4233 Psi. And 9.4 Bpm. Pump 3900 Gals. 15% Acid With 90 Bio Balls, Flush To 10 Bbls. Over Bottom PoshutDown For 15 Min., Let Balls Fall, Get Stabilized Inj. Rate At 2899 Psi. And 70.7 Bpm. Get Isip, 1781 Psi., .80 FG., Holes Open. Pump FR Pad With 3% KCL, Start XLink, Stage Into 1# 100 Mesh Stage, Then 2#, 3#, 3.5#, And 4# 20/40 White Stages. Isdp, 2150 Psi., .88 FG. Total 100 Mesh: 18,600# Total 20/40 White: 156,900# Total 3% KCL: 86,805 Gals 2,067 Bbls Total Produced Water: 61,258 Gals Bbls. BWTR: 3547 Bbls. Max Rate: 70.9 Bpm Avg. Rate: 70.6 Bpm Max. Pressure: 2,877 Psi. Avg. Pressure: 2,760 Psi.					
13:50	0.17	14:00	CTUW	W/L Op	eration			Over To W/L, Arm Gun, P ole Up To Well. Equlaize A	ick-Up With Baker 20 Setting Kit And HES FAS Drill nd Open.			
14:00		15:00	PFRT	Perforat			RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Sj. 36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To Baker Hughes Composite Resistivity Neutron Density Dated 02/25/2008 And Lone Wolf CBL/CCL Dated 03/03/2008. Found And Correlated To Collars At 4,754', 4,710', And 4,656'. Down To Depth, Set CBP At 4,836'. Well Psi., 1800 Psi., Perforate Stage 9 UteLand Butte/Castle Peak Zone As Follows: 4655 - 56, 4667 - 68, 4690 - 91, 4699 - 00, 471 11, 4723 - 24, 4733 - 34, 4745 - 46, 4755 - 56, 4771 - 72, 4783 - 84, 4796 - 97, 4805 - 06, 4815 - 16. Well Psi., 1600 Psi 42 Holes. POOH. LayDown Gun, Verify A Shots Fired, WSI And Secured.					
15:00		16:00	GOP		Operations			And Secure Equipment				
16:00	14.00	06:00	LOCL		ellhead & Secure		WSI And	Secured. SDFD.				
7-20-	46 DLB	6/7/2	2012 00	6:00 -	6/8/2012 0	6:00						
API/UWI 43-013-3	3657		State/Provinc Utah		County Duchesne	Field Name Brundag Canyon Canyon	ge /Lake	Well Status PRODUCING	Total Depth (ftKB) Primary Job Type 7,406.0 Recompletion			
	loton com						Page 2	ir.	Report Printed: 7/3/2			



Time Log												
Start Time 06:00	Dur (hr)	End Time	GOP	General	Category Operations		HES Cro	v On Location At 0500 Hrs.,	Com Prime Chemical And Flu	iid Pumpe Pressure Test		
06:00	0.25	06:15	GOP	General	Operations			Psi., Hold Safety Meeting. Ra				
06:15	1.50	07:45	FRAC	Frac. Jo	b		Open Well, 1520# Icp. BrokeDown At 4342 Psi. And 9.1 Bpm. Pump 3900 Gals. 15% Acid With 84 Bio Balls, Flush To 10 Bbls. Over Bottom Perf ShutDown For 15 Min., Let Balls Fall, Get Stabilized Inj. Rate At 2797 Psi. And 70.6 Bpm. Get Isip, 1510 Psi., .80 FG., 4: Holes Open. Pump FR Pad With 3% KCL, Start XLink, Stage Into 1# 100 Mesh Stage, Then To 2#, 3#, 3.5#, And 4# 20/40 White Stages. Isdp, 1938 Psi., .85 FG. Total 100 Mesh: 18,600# Total 20/40 White: 156,600# Total 3% KCL: 75,469 Gals 1,797 Bbls Total Produced Water: 60,905 Gals 1,4 Bbls. BWTR: 3552 Bbls. Max Rate: 71.0 Bpm Avg. Rate: 70.6 Bpm Max. Pressure: 2,989 Psi. Avg. Pressure: 2,783 Psi.					
07:45	0.17	07:55	CTUW	W/L Op	eration			Over To W/L, Arm Gun, Pic ole Up To Well. Equlaize An		ting Kit And HES FAS Drill		
07:55	1.00	08:55	PFRT	Perforat	ing		RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To Baker Hugh Composite Resistivity Neutron Density Dated 02/25/2008 And Lone Wolf CBL/C Dated 03/03/2008. Found And Correlated To Collars At 4,557', 4,532', 4,488', And 4,399'. Drop Down To Depth, Set CBP At 4,650'. Well Psi., 1450 Psi., Perf Stage 10 Castle Peak/Black Shale Zone As Follows: 4453 - 54, 4467 - 68, 447' 4489 - 90, 4503 - 04, 4511 - 12, 4529 - 30, 4537 - 38, 4559 - 60, 4579 - 80, 458 4613 - 14, 4629 - 30. Well Psi., 1000 Psi 39 Holes. POOH. LayDown Gun, Ve Shots Fired, WSI And Secured.					
08:55	0.08	09:00	GOP	General	Operations		To Well Pressure.					
09:00		10:30	FRAC	Frac. Jo			Frac Stage 10. Fluid System: Hybor G 16 Open Well, 280# Icp. BrokeDown At 3819 Psi. And 9.9 Bpm. Pump 3900 Gals. 15% Acid With 78 Bio Balls, Flush To 10 Bbls. Over Bottom Perf ShutDown For 15 Min., Let Balls Fall, Get Stabilized Inj. Rate At 3257 Psi. And 70.6 Bpm. Get Isip, 1268 Psi., .72 FG., 36 Holes Open. Pump FR Pad With 3% KCL, Start XLink, Stage Into 1# 100 Mesh Stage, Then To 2#, 3#, 3.5#, And 4# 20/40 White Stages. Isdp, 1476 Psi., .77 FG. Total 100 Mesh: 18,600# Total 20/40 White: 166,600# Total 3% KCL: 80,297 Gals 1,912 Bbls Total Produced Water: 60,539 Gals 1,4 Bbls. BWTR: 3663 Bbls. Max Rate: 70.9 Bpm Avg. Rate: 70.6 Bpm Max. Pressure: 3,307 Psi. Avg. Pressure: 2,885 Psi.					
10:30	0.34	10:50	CTUW	W/L Op	eration		Turn Well Over To W/L, Pick-Up Baker 20 Setting Kit And HES FAS Drill CBP, N Up To Well. Equlaize And Open.					
10:50	1.00	11:50	PFRT	Perforat	ing		RIH With 3 1/8" CCL, Sinker Bar And HES CBP. Correlating To Baker Hughes Composite Resistivity Neutron Density Dated 02/25/2008 And Lone Wolf CBL/CCL Dated 03/03/2008. Found And Correlated To Collars At 4,399', 4,354', And 4,310'. Dro Down To Depth, Set CBP At 4,420'. 1400 Psi. On Well. POOH. Bleed Pressure Off Well. LD Tools. WSI And Secured.					
11:50		14:00	SRIG	Rig Up/l	Down		RigDown	SLB And HES. Move Off Lo	cation. Batch Water For	WorkOver.		
14:00	16.00	06:00	LOCL	Lock W	ellhead & Secure		WSI And	Secured. SDFD.				
7-20-4	6 DLB	6/8/2	012 0	6·00 -	6/9/2012 06	3-00	1					
API/UWI 43-013-3		:	State/Provinc Utah		County Duchesne	Field Name Brundag Canyon/ Canyon	je	Well Status PRODUCING	Total Depth (ftKB) 7,406.0	Primary Job Type Recompletion		



)	, 5 5	arre		pore								
	Time Lo	g											
177.00	Start Time									Com			
	06:00	1.00	07:00	LOCL	Lock W	ellhead & Secure		WSI.					
Bed of Pressure from Cog No Frac Tree NO Frac	07:00	0.50	07:30	SMTG	Safety I	Meeting		JSA Safet	y Meeting.				
NO Fract tee	07:30	2.00	09:30	SRIG	Rig Up/	Down	MIRU w/o rig.						
NU 7 1/16* 10	09:30	0.50	10:00	BOPI	Install E	BOP's		Bled off P	ressure from Csg.				
NU.7 1/16" SK Double gate, NU.7 1/16" SK Double gate, NU.7 1/16" SK Double gate, NU.7 1/16" SK Double gate, NU.7 1/16" SK Double gate, NU.7 1/16" SK Double gate, NU.7 1/16" SK Annular, & Introdict nets. Unclided That J. 200 (SOP)													
								NU 7 1/16	i" 10k X 7 1/16" 5k Spool.	" EK Drilling Coool NIII	7 1/16" EV Appulor 9		
10:00									o ,	5 SK Dilling Spool, NO	7 1/10 on Allitulat, a		
10.30	10:00	0.50	10:20	SDIC	Dia Ho/	Down							
1.50					· .				<u> </u>				
15:30						·		-					
	12:00	3.50	15:30	KOIB	Run Tu	bing					2 7/8" L80 6.5# Tbg.,		
15:30													
	15:30	1 50	17:00	TRIP	Trinning	1				<u> </u>			
WSI. WSI.									all for the pight				
Fig. Company	17.00	13.00	06.00	LLOCL	LOCK VV	elineau & Secure			eli for the night.				
		44 DI D	0/0/6			0// 0/00/00		14401.					
See Time Log		46 DLB											
Canyon/Lake Canyon Canyo	API/UWI	3657			ce								
Canyon C	43-013-3	3037		Utan		Duchesne			PRODUCING	7,406.0	Recompletion		
Sign Time Doy (ht) End Time Code Calegory Sign Com													
	Time Lo	g	ı.							· ·	II.		
107:00	Start Time									Com			
1.00	06:00							_					
10.00 18:30 10.00 18:30 DOPG Driff Out Plugs Make connection to plug. Establish circ. w/Rig pump @ 1.5 Bbls./min. Driff Plugs as follows: Pig. @ 4420', Csg400# Pig. @ 4560', 20' of sand. Csg500# Pig. @ 4560', 20' of sand. Csg550# Pig. @ 4386', 35' of sand. Csg550# Pig. @ 5439', 90' of sand. Csg550# Pig. @ 5439', 90' of sand. Csg550# Pig. @ 5439', 90' of sand. Csg700# Hang back swivel. Pu Tag. Tag fili @ 6945' RU Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. 18:30	07:00	0.50	07:30	SMTG	Safety I	Meeting		JSA Safet	y Meeting				
Establish circ. w/Rig pump @ 1.5 Bbls./min. Drill Plugs as follows: Plg.@ 4420', Cag400# Plg.@ 4650', 20' of sand. Cag400# Plg.@ 4650', 20' of sand. Cag500# Plg.@ 4386', 35' of sand. Cag500# Plg.@ 5048', 35' of sand. Cag500# Plg.@ 5048', 35' of sand. Cag500# Plg.@ 5048', 35' of sand. Cag500# Plg.@ 5262', 25' of sand. Cag700# Hang back swivel. PU Tog. Tag fill @ 6945' RU Power Swivel. PU Tog. Tag fill @ 6945' RU Power Swivel. PU Tog. Tag fill @ 6945' Ru Power Swivel. PU Tog. Tag fill @ 6945' Pu Tog. Tag	07:30	1.00	08:30	TRIP	Tripping)							
Drill Plugs as follows: Pig. @ 4420', Csg400# Pig. @ 4420', Csg400# Pig. @ 4650', 20' of sand. Csg500# Pig. @ 4650', 20' of sand. Csg500# Pig. @ 4386', 35' of sand. Csg500# Pig. @ 5262', 25' of sand. Csg550# Pig. @ 5262', 25' of sand. Csg550# Pig. @ 5262', 25' of sand. Csg700# Hang back swivel. Pid. @ 5262', 25' of sand. Csg700# Hang back swivel. Pid. @ 5465', RU Power swivel. Put. Tsg. Tsg. fill @ 6945', RU Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 pm H2S @ flow back tanks.	08:30	10.00	18:30	DOPG	Drill Ou	t Plugs		Make con					
Pig. @ 4420', Csg400# Pig. @ 4620', Csg400# Pig. @ 4650', 20' of sand. Csg500# Pig. @ 4836', 35' of sand. Csg550# Pig. @ 5048', 35' of sand. Csg550# Pig. @ 5048', 35' of sand. Csg550# Pig. @ 5262', 25' of sand. Csg550# Pig. @ 5262', 25' of sand. Csg550# Pig. @ 5439', 90' of sand. Csg700# Hang back swivel. PU Tbg. Tag fill @ 6945' RU Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. Pug. Power Swivel. Pug. Power Swive								Establish	circ. w/Rig pump @ 1.5 Bbls	./min.			
CSg400H								Drill Plugs	as follows:				
CSg400H								Pla @ 442	20,				
Csg500# Pig.@ 4836, 35' of sand. Csg550# Pig.@ 4836, 35' of sand. Csg550# Pig.@ 5048', 35' of sand. Csg550# Pig.@ 5048', 35' of sand. Csg550# Pig.@ 5262', 25' of sand. Csg550# Pig.@ 5439', 90' of sand. Csg700# Hang back swivel. Pu Tbg. Tag fill @ 6945' Ru Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. RD Power Swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. RD Power Swivel. Pu Tbg. Tag fill @ 6945' Pig.@ 5439', 90' of sand. Csg700# Pig.@ 5439'													
Pig. @ 4836; 35' of sand. Csg550# Pig. @ 5048'; 35' of sand. Csg560# Pig. @ 5062; 25' of sand. Csg700# Hang back swivel. Pig720# Pig													
Csg550# Plg.@ 5048', 35' of sand. Csg550# Plg.@ 5048', 35' of sand. Csg550# Plg.@ 5262', 25' of sand. Csg550# Plg.@ 5262', 25' of sand. Csg700# Plg.@ 5439', 90' of sand. Csg700# Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. Plg. @ flow back tan													
Pig. @ 5048', 35' of sand. Csg550# Pig. @ 5262', 25' of sand. Csg650# Pig. @ 5262', 25' of sand. Csg700# Pig. @ 5262', 25' of sand. Csg700# Pig. @ 5439', 90' of sand. Csg7													
Csg550# Plg.@ 5262, 25' of sand. Csg650# Plg.@ 5262, 25' of sand. Csg650# Plg.@ 5263*, 39' of sand. Csg650# Plg.@ 5439*, 90' of sand. Csg700# Hang back swivel. PU Tbg. Tag fill @ 6945' RU Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. RD Power Swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. RD Power Swivel. State Power Swivel. Power Swivel. State Power Swivel.													
Csg650# Plg. @ 5439', 90' of sand. Csg700# Hang back swivel. PU Tbg. Tag fill @ 6945' RU Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks.													
Pig.@ 5439', 90' of sand. Csg700# Hang back swivel. PU Tbg. Tag fill @ 6945' RU Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks.													
Csg700# Hang back wivel. PU Tbg. Tag fill @ 6945' RU Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 pm H2S @ flow back tanks. 18:30													
Hang back swivel.													
PU Tbg. Tag fill @ 6945' RU Power swivel. Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. Ris30								Hang bac	k swivel.				
Clean out to 7150' Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. R:30								PU Tbg. T	ag fill @ 6945'				
Circulated Bottoms up. Recorded 5 ppm H2S @ flow back tanks. Ris30 0.50 19:00 SRIG Rig Up/Down RD Power Swivel. Ris30 0.50 19:30 PULT Pull Tubing Lay down 15 Jts. Ris30 10.50 06:00 LOCL Lock Wellhead & Secure WSI. Ris40 Visit													
Recorded 5 ppm H2S @ flow back tanks. Recorded 5 ppm H2S @ flow back tanks. Recorded 5 ppm H2S @ flow back tanks R													
18:30										ks			
19:00								rtocoraca	o ppin 1120 @ now back tan	NO.			
19:00	18:30	0.50	19:00	SRIG	Rig Up/	Down		RD Power	Swivel.				
19:30	19:00	0.50	19:30	PULT				Lay down	15 Jts.				
7-20-46 DLB 6/10/2012 06:00 - 6/11/2012 06:00 State/Province County Duchesne Brundage Canyon/Lake Can	19:30		1	LOCL	1	•		,					
State/Province Utah Duchesne Field Name Brundage Canyon/Lake Canyon Field Name Brundage Canyon/Lake Canyon Field Name PRODUCING Total Depth (ftKB)							06.00	_					
Utah		+0 DFR							I Maril Orac	Trust Death (1972)	ID:		
Canyon/Lake Canyon Canyon Canyon Canyon Canyon Canyon Canyon Canyon Canyon Canyon Com Canyon		3657			æ	1 '	1						
Canyon	10 01020			Cian		2401100116				7,400.0	, i coomplotion		
Start Time Dur (hr) End Time Code Category Com 06:00 1.00 07:00 LOCL Lock Wellhead & Secure WSI. 07:00 0.50 07:30 SMTG Safety Meeting JSA Safety Meeting													
06:00 1.00 07:00 LOCL Lock Wellhead & Secure WSI. 07:00 0.50 07:30 SMTG Safety Meeting JSA Safety Meeting	Time Lo	g	ı			·				1			
07:00 0.50 07:30 SMTG Safety Meeting JSA Safety Meeting	Start Time	, ,								Com			
	06:00			1	Lock W	ellhead & Secure		WSI.					
07:30 0.50 08:00 PULT Pull Tubing Cont. Lay down tbg. to landing depth.	07:00	0.50	07:30	SMTG	Safety I	Meeting	, ,						
	07:30	0.50	08:00	PULT	Pull Tuk	oing		Cont. Lay	down tbg. to landing depth.				
			•	•	•			•					

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Time Lo	g												
Start Time	Dur (hr)	End Time		Category					Com				
08:00	1.00	09:00	GOP	General Operations	Land T Tubing Des: To	nger, Wash Bowl bg. as follows: ubing - Production Pull Date: Components			-		P stack, Land ha Run Date: 201	-	
					Jts (ftKB)	Item Des Btm (ftKB)	OD (in)	ID (in)	Wt (It	o/ft)	Grade	Len (ft) T	ор
					1	Tubing Hanger	5	2.441	6.5	L-80	0.44	0 0	.4
					138	Tubing 4,319.00	2 7/8	2.441	6.5	L-80	4,318	.53 0	.4
					1	X Nipple 4,320.20	2 7/8	2.313	6.5	L-80	1.25	4,319.00	
					1	Tubing 4.351.50	2 7/8	2.441	6.5	L-80	31.3	4,320.20	
					1	XN Nipple 4,352.70	2 7/8	2.205	6.5	L-80	1.19	4,351.50	
					1	Tubing 4,384.10	2 7/8	2.441	6.5	L-80	31.4	4,352.70	
					1	POB sub		3 1/8	2.441			0.85	
						4,384.10	4,385.0						
09:00	0.50	09:30	SRIG	Rig Up/Down	RD Tbg	g. equip. & work fl	oor.						
09:30	0.50	10:00	BOPR	Remove BOP's	ND BO	P, NU Producton	Tree. Tie	in sand	can Fr	om Tbg. t	o sales line.		
10:00	0.50	10:30	GOP	General Operations	Drop ba	all, POB, & chase	w/ 30 Bb	ls. @ 4.	5 Bbls.	/min. Drai	n all fluid equip.		
10:30	3.00	13:30	SRIG	Rig Up/Down	RDMO w/o Rig. MIRU on the 13H-27-36 BTR								
13:30	16.50	06:00	FBCK	Flowback Well	Put We	II on Production							

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

	AOTI		FARM
ENTITY	ACH	UN	FURN

Operator:

Bill Barrett Corporation

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO zip 80202 Phone Number: _(303) 312-8172

Well 1

API Number	Wel	Name	QQ	Sec	Twp	Rng	County	
4301350979	1-32D-36 BTR		NENE	32	38	6W	Duchesne	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ity Assignment Effective Date	
A	99999	18624		7/9/201	2	71	3112012	
Spudding Operation was conducted by Triple A Drilling @ 8:00 am.								

BHL nene

GR.WS

Wall 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4301333657	7-20-46 DLB		SENW	20	48	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		ty Assignment fective Date
Α	16584	16584				61	12/2012
Comments: Add	Green River Formation					713	3112012
CD-113							~ '

Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4304738463	Aurora Federal 5-32	NESW	5	7S	20E	Uintah	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		tity Assignment Effective Date
Α	î TÎ QO	17120				519	912012
Comments: Add	Green River Formation	only S			-	71	3/ 12012

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a newer the live D
- Other (Explain in 'comments' section)

JUL 2 3 2012

Venessa Langmacher	
Name (Please Print)	

Venessa Langmacher

Signature

Sr Permit Analyst

7/23/2012

Title

Date

	STATE OF UTAH			FORM 9
ı	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M		6	5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626431
SUNDR	RY NOTICES AND REPORTS	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
	pposals to drill new wells, significant reenter plugged wells, or to drill hori n for such proposals.		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: 7-20-46 DLB
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43013336570000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	NE NUMBER: 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2250 FNL 2500 FWL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SENW Section: 2	HIP, RANGE, MERIDIAN: 20 Township: 04.0S Range: 06.0W M	eridian:	U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
Approximate date not a min claim	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	FRACTURE TREAT	☐ NEW CONSTRUCTION
4/27/2013	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR		/ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION
Report Bate.				OTHER: Lease
	WILDCAT WELL DETERMINATION	V	OTHER	
l .	completed operations. Clearly sho for this well has been char			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 06, 2013
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUI 303 312-8172	MBER	TITLE Senior Permit Analyst	
SIGNATURE	303 312-01/2		DATE	
N/A			5/6/2013	

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

11/1/2016

FORMER OPERATOR:	NEW OPERATOR:	
Bill Barrett Corporation	Rig II, LLC	
1099 18th Street, Suite 2300	1582 West 2600 South	
Denver, CO 80202	Woods Cross, UT 84087	
CA Number(s):	Unit(s):	

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:

10/21/2016

2. Sundry or legal documentation was received from the NEW operator on:

10/21/2016

3. New operator Division of Corporations Business Number:

8256968-0160

REVIEW:

1. Surface Agreement Sundry from NEW operator on Fee Surface wells received on:

N/A

2. Receipt of Acceptance of Drilling Procedures for APD on:

10/21/2016

3. Reports current for Production/Disposition & Sundries:

11/2/2016

4. OPS/SI/TA well(s) reviewed for full cost bonding:

11/3/2016

5. UIC5 on all disposal/injection/storage well(s) approved on:

11/3/2016

6. Surface Facility(s) included in operator change:

None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

11/3/2016

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

UTB000712

2. Indian well(s) covered by Bond Number:

LPM 922467

3.State/fee well(s) covered by Bond Number(s):

9219529

DATA ENTRY:

1. Well(s) update in the OGIS on:

11/7/2016

2. Entity Number(s) updated in OGIS on:

11/7/2016

3. Unit(s) operator number update in OGIS on:

N/A

4. Surface Facilities update in OGIS on:

N/A

5. State/Fee well(s) attached to bond(s) in RBDMS on:

11/7/2016

6. Surface Facilities update in RBDMS on:

N/A

COMMENTS:

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Туре	Status
SWD 9-36 BTR	9	030S	060W	4301350646	18077	Indian	Fee	WD	Α
16-6D-46 BTR SWD	6	040S	060W	4301350781	18327	Indian	Fee	WD	Α
6-32-36 BTR SWD	32	030S	060W	4301350921	18329	Indian	Fee	WD	Α
LC TRIBAL 8-26D-47	26	040S	070W	4301334024		Indian	Indian	OW	APD
16-21D-37 BTR	21	030S	070W	4301350758		Indian	Fee	OW	APD
14-11D-37 BTR	11	030S	070W	4301350862		Indian	Fee	ow	APD
7-17D-46 BTR	17	040\$	060W	4301350883		Indian	Indian	OW	APD
14-12D-37 BTR	12	030S	070W	4301350894		Indian	Fee	OW	APD
I-18D-36 BTR	18	030S	060W	4301350922		Indian	Fee	OW	APD
13-2D-45 BTR	2	040S	050W	4301350931		Indian	Indian	OW	APD
5H-16-46 BTR	16	0408	060W	4301350992		Indian	Indian	OW	APD
9H-17-45 BTR	17	040S	050W	4301351098		Indian	Indian	OW	APD
13H-8-46 BTR UB	8	040S	060W	4301351124		Indian	Indian	OW	APD
3H-9-46 BTR	9	040\$	060W	4301351140		Indian	Indian	ow	APD
C TRIBAL 7-31D-37	31	030S	070W	4301351147		Indian	Fee	ow	APD
4-16D-45 BTR	16	040S	050W	4301351178		Indian	Indian	ow	APD
6-19D-37 BTR	19	030S	070W	4301351179	T	Indian	Fee	OW	APD
3-2D-45 BTR	2	040S	050W	4301351234		Indian	Indian	ow	APD
2-2D-45 BTR	2	040S	050W	4301351235		Indian	Indian	OW	APD
10-26-35 BTR	26	030S	050W	4301351248		Indian	Fee	ow	APD
.C TRIBAL 1H-33-46	33	040S	060W	4301351257	-	Indian	Fee	OW	APD
C TRIBAL 9-25D-46	25	040S	060W	4301351276		Indian	Indian	ow	APD
C TRIBAL 8H-30-45	30	040S	050W	4301351277		Indian	Indian	OW	APD
C TRIBAL 16H-30-45	30	040S	050W	4301351279		Indian	Indian	OW	APD
C TRIBAL 13-30D-45	30	040S	050W	4301351282		Indian	Indian	OW	APD
C TRIBAL 16H-36-46	36	040S	060W	4301351291		Indian	Indian	OW	APD
C TRIBAL 13H-30-46	30	040S	060W	4301351321		Indian	Indian	OW	APD
C TRIBAL 13H-31-46	31	040S	060W	4301351326		Indian	Indian	OW	APD
C TRIBAL 16-31D-46	31	040S	060W	4301351328		Indian	Indian	ow	APD
.C TRIBAL 5H-26-47	26	040S	070W	4301351337		Indian	Indian	ow	APD
C TRIBAL 5H-19-45	20	040S	050W	4301351349		Indian	Indian	OW	APD
C TRIBAL 16-36D-47	36	040S	070W	4301351363		Indian	Indian	ow	APD
15-4D-47 BTR	4	040S	070W	4301351377		Indian	Fee	OW	APD
6-23D-46 LC TRIBAL	23	040S	060W	4301351396		Indian	Fee	OW	APD
5-2D-36 BTR	2	030S	060W	4301351419		Indian	Fee	OW	APD
6-23D-37 BTR	23	0308	070W	4301351420	-	Indian	Fee	ow	APD
11-9D-47 BTR	9	040S	070W	4301351422		Indian	Fee	OW	APD
15-13D-47 BTR	13	040S	070W	4301351424		Indian	Indian	OW	APD
_C TRIBAL 15-19D-46	19	040S	060W	4301351426		Indian	Indian	OW	APD
16-13D-45 BTR	13	040S	050W	4301351428		Indian	Indian	OW	APD

14-12D-45 BTR	12	040S	050W	4301351444	Indian	Indian	OW	APD
16-14D-45 BTR	14	040S	050W	4301351445	Indian	Indian	OW	APD
5-13D-45 BTR	13	040S	050W	4301351446	Indian	Indian	OW	APD
LC TRIBAL 16-26D-46	26	040S	060W	4301351450	Indian	State	OW	APD
LC TRIBAL 10-20D-40	34	0408	060W	4301351451				
16-12D-45 BTR	12	040S	050W	4301351451	Indian Indian	State Indian	OW	APD
8-12D-45 BTR	12	040S	050VV	4301351452			OW	APD
LC TRIBAL 1-35D-46	35	040S	060W		Indian	Indian	OW	APD
16-25D-37 BTR		0405	070W	4301351454	Indian	Fee	OW	APD
LC TRIBAL 13H-29-46	25			4301351455	Indian	Fee	OW	APD
	28	0408	060W	4301351462	Indian	Fee	OW	APD
LC TRIBAL 14-30D-37	30	0308	070W	4301351494	Indian	Fee	OW	APD
7-13D-45 BTR	13	0408	050W	4301351497	Indian	Indian	OW	APD
LC TRIBAL 4H-35-46	35	0408	060W	4301351515	Indian	Fee	OW	APD
LC TRIBAL 13H-19-46	19	040\$	060W	4301351543	Indian	Indian	OW	APD
16-26D-37 BTR	26	030S	070W	4301351598	Indian	Fee	OW	APD
LC TRIBAL 16-31D-37	31	030\$	070W	4301351610	Indian	Fee	OW	APD
5-4-35 BTR	4	030S	050W	4301351613	Indian	Fee	OW	APD
LC TRIBAL 16-31D-47	31	040S	070W	4301351616	Indian	Indian	OW	APD
LC TRIBAL 13H-31-47	31	040S	070W	4301351617	Indian	Indian	OW	APD
LC TRIBAL 13-32D-47	32	040S	070W	4301351619	Indian	Indian	OW	APD
LC TRIBAL 16H-32-47	32	040S	070W	4301351620	Indian	Indian	OW	APD
LC TRIBAL 1-32D-47	32	040S	070W	4301351624	Indian	Indian	OW	APD
LC TRIBAL 4H-32-47	32	040S	070W	4301351625	Indian	Indian	OW	APD
LC TRIBAL 13-28D-47	28	040S	070W	4301351627	Indian	Indian	OW	APD
LC TRIBAL 13H-29-47	28	040S	070W	4301351628	Indian	Indian	OW	APD
LC TRIBAL 16H-28-47	28	040S	070W	4301351629	Indian	Indian	OW	APD
LC TRIBAL 1-28D-47	28	040S	070W	4301351639	Indian	Indian	OW	APD
LC TRIBAL 1H-27-47	28	040S	070W	4301351640	Indian	Indian	OW	APD
LC TRIBAL 4H-28-47	28	040S	070W	4301351641	Indian	Indian	OW	APD
LC TRIBAL 7-25D-58	25	050S	W080	4301351643	Indian	Indian	OW	APD
LC TRIBAL 6-25D-58	25	050S	080W	4301351644	Indian	Indian	OW	APD
LC TRIBAL 13H-24-58	24	050S	W080	4301351645	Indian	Indian	OW	APD
LC TRIBAL 16-24D-58	24	050S	080W	4301351646	Indian	Indian	OW	APD
LC Tribal 8-23D-46	23	040S	060W	4301351654	Indian	Fee	OW	APD
LC Tribal 16-35D-45	35	040S	050W	4301351656	Indian	Fee	OW	APD
LC Tribal 13H-35-45	35	040S	050W	4301351657	Indian	Fee	ow	APD
LC Tribal 16-36D-45	36	040S	050W	4301351658	Indian	Fee	ow	APD
LC Tribal 13H-36-45	36	040S	050W	4301351659	Indian	Fee	OW	APD
LC Tribal 5-36D-45	36	0408	050W	4301351661	Indian	Fee	OW	APD
LC Tribal 8-26D-46	26	040\$	060W	4301351663	Indian	Fee	OW	APD
3-29D-36 BTR	29	0308	060W	4301351665	Indian	Fee	OW	APD

LC Tribal 5-35D-45	35	040S	050W	4301351666	Indian	Fee	OW	APD
_C Tribal 5-24D-46	24	0408	060W	4301351668	Indian	Indian	ow	APD
_C TRIBAL 6-12D-58	12	0508	080W	4301351696	Indian	Indian	OW	APD
LC TRIBAL 8-12D-58	12	050S	080W	4301351697	Indian	Indian	OW	APD
.C TRIBAL 16H-22-47	21	040S	070W	4301351700	Indian	Indian	OW	APD
5-25D-37 BTR	25	030S	070W	4301351803	Indian	Fee	OW	APD
8-3D-36 BTR	3	0308	060W	4301351804	Indian	Fee	OW	APD
14-26D-37 BTR	26	0308	070W	4301351805	Indian	Fee	OW	APD
9-4-35 BTR	4	0308	050W	4301351806	Indian	Fee	ow	APD
11-4D-35 BTR	4	030S	050W	4301351807	Indian	Fee	OW	APD
16-27D-37 BTR	27	0308	070W	4301351808	Indian	Fee	OW	APD
14-27D-37 BTR	27	0308	070W	4301351809	Indian	Fee	OW	APD
14-16D-46 BTR	16	040S	060W	4301351812	Indian	Indian	OW	APD
_C Tribal 16-35D-48	35	040S	080W	4301351847	Indian	Indian	OW	APD
LC Tribal 13H-35-48	35	040S	080W	4301351848	Indian	Indian	OW	APD
_C Tribal 13-2D-58	11	050S	080W	4301351850	Indian	Indian	OW	APD
5-13D-36 BTR	13	0308	060W	4301351862	Indian	Fee	OW	APD
5-8D-36 BTR	8	0308	060W	4301351871	Indian	Fee	OW	APD
16-1D-36 BTR	1	0308	060W	4301351872	Indian	Fee	ow	APD
3-18D-46 BTR	18	040S	060W	4301351897	Indian	Fee	OW	APD
_C Tribal 5-36D-46	36	0408	060W	4301351905	Indian	Indian	OW	APD
LC Tribal 5-26D-45	26	040S	050W	4301351907	Indian	Indian	OW	APD
14-13D-45 BTR	13	040S	050W	4301351974	Indian	Indian	OW	APD
14-34D-46 DLB	34	040S	060W	4301351975	Indian	Fee	OW	APD
LC Tribal 5-21D-45	21	0408	050W	4301352001	Indian	Indian	OW	APD
_C Tribal 8-22D-45	22	0408	050W	4301352002	Indian	Indian	OW	APD
_C Tribal 8-25D-45	25	0408	050W	4301352007	Indian	Indian	OW	APD
LC Tribal 16-25D-45	25	040S	050W	4301352008	Indian	Indian	OW	APD
LC Tribal 16-22D-45	22	040S	050W	4301352009	Indian	Indian	OW	APD
LC Tribal 16-26D-45	26	040S	050W	4301352010	Indian	Indian	OW	APD
LC Tribal 14-31D-37	31	0308	070W	4301352016	Indian	Fee	OW	APD
5-12D-45 BTR	12	040S	050W	4301352030	Indian	Indian	ow	APD
LC Tribal 9-20D-45	20	040S	050W	4301352031	Indian	Indian	OW	APD
LC Tribal 13-35D-47	35	0408	070W	4301352055	Indian	Indian	ow	APD
C Tribal 1-23D-47	23	040S	070W	4301352057	Indian	Indian	ow =	APD
9-17D-46 BTR	17	040S	060W	4301352059	Indian	Indian	OW	APD
11-18D-46 BTR	18	040S	060W	4301352060	Indian	Indian	OW	APD
9-10D-47 BTR	10	0408	070W	4301352092	Indian	Fee	OW	APD
LC Tribal 1-17D-47	17	0408	070W	4301352096	Indian	Fee	OW	APD
7-35D-37 BTR	35	0308	070W	4301352115	Indian	Fee	OW	APD
14-25D-37 BTR	25	0308	070W	4301352116	Indian	Fee	OW	APD

LC Tribal 5-25-46	25	040S	060W	4301352126	Indian	Indian	OW	APD
3-33D-35 BTR	33	030S	050W	4301352161	Indian	Fee	OW	APD
5-4D-36 BTR	4	030S	060W	4301352175	Indian	Fee	OW	APD
7-4D-36 BTR	4	030S	060W	4301352176	Indian	Fee	OW	APD
_C Tribal 4-36D-47	36	040S	070W	4301352186	Indian	Indian	OW	APD
LC Tribal 4-22D-46	22	040S	060W	4301352944	Indian	Indian	OW	APD
LC Tribal 16-22D-46	22	040S	060W	4301352945	Indian	Indian	OW	APD
LC Tribal 11-19D-46	19	040S	060W	4301352946	Indian	Indian	OW	APD
LC Tribal 7-20D-45	20	040S	050W	4301352947	Indian	Indian	OW	APD
15-11D-35 BTR	11	030S	050W	4301353056	Indian	Fee	OW	APD
13-11D-35 BTR	11	030S	050W	4301353057	Indian	Fee	OW	APD
3TR 16-36D-37	36	030S	070W	4301353059	Indian	Fee	OW	APD
4-29D-35 BTR	30	030\$	050W	4301353060	Indian	Fee	OW	APD
1-30D-35 BTR	30	0308	050W	4301353061	Fee	Fee	OW	APD
_C TRIBAL 3-23D-46	23	040S	060W	4301353066	Indian	State	OW	APD
_C Tribal 14-23D-46	23	040S	060W	4301353067	Indian	State	OW	APD
_C Tribal 13-25D-46	25	040S	060W	4301353068	Indian	Indian	OW	APD
_C Tribal 14-26D-46	26	040S	060W	4301353069	Indian	State	OW	APD
_C Tribal 5-26D-46	26	040S	060W	4301353070	Indian	State	OW	APD
_C Tribal 11-35D-45	35	040S	050W	4301353071	Indian	State	OW	APD
_C Tribal 7-35D-45	35	040\$	050W	4301353072	Indian	State	OW	APD
_C Tribal 3-35D-45	35	040S	050W	4301353075	Indian	State	OW	APD
_C Tribal 14-36D-45	36	040S	050W	4301353076	Indian	State	OW	APD
_C Tribal 13-36D-45	36	040S	050W	4301353077	Indian	State	OW	APD
_C Tribal 10-36D-45	36	0408	050W	4301353078	Indian	State	OW	APD
_C Tribal 8-36D-45	36	040S	050W	4301353079	Indian	State	OW	APD
LC Tribal 6-36D-45	36	040S	050W	4301353080	Indian	State	OW	APD
LC Tribal 1-34D-46	34	040S	060W	4301353081	Indian	State	OW	APD
_C Tribal 9-27D-46	27	040S	060W	4301353082	Indian	State	OW	APD
_C Tribal 13-35D-45	35	040S	050W	4301353083	Indian	State	OW	APD
_C Tribal 8-35D-45	35	040S	050W	4301353084	Indian	State	OW	APD
_C Tribal 15-35D-45	35	040S	050W	4301353085	Indian	State	OW	APD
LC Tribal 12-25D-45	25	040S	050W	4301353122	Indian	Indian	OW	APD
LC Tribal 14-25D-45	25	040\$	050W	4301353123	Indian	Indian	OW	APD
_C Tribal 10-25D-45	25	040S	050W	4301353124	Indian	Indian	OW	APD
_C Tribal 11-26-45	26	040S	050W	4301353125	Indian	Indian	OW	APD
_C Tribal 13-26D-45	26	040S	050W	4301353126	Indian	Indian	OW	APD
C Tribal 7-31D-46	31	040S	060W	4301353127	Indian	Indian	OW	APD
C Tribal 7-19D-45	19	040S	050W	4301353128	Indian	Indian	OW	APD
_C Tribal 5-19D-45	19	040S	050W	4301353130	Indian	Indian	OW	APD
LC Tribal 7-25D-46	25	040S	060W	4301353132	Indian	Indian	OW	APD

LC Tribal 7-24D-46	24	040S	060W	4301353134		Indian	Indian	OW	APD
LC Tribal 14-31D-46	31	040S	060W	4301353135		Indian	Indian	OW	APD
LC Tribal 14-30D-46	30	040S	060W	4301353136		Indian	Indian	OW	APD
13-4-35 BTR SWD	4	030S	050W	4301353293		Fee	Fee	OW	APD
LC FEE 14-26D-47	26	040S	070W	4301353294		Fee	Indian	OW	APD
LC Fee 5-25D-47	25	040S	070W	4301353295		Fee	Indian	OW	APD
7-35-46 LC SWD	35	040S	060W	4301353296		Fee	Fee	OW	APD
LC Fee 1H-33-47	32	040S	070W	4301353309		Fee	Indian	OW	APD
LC FEE 14-2D-58	2	050S	W080	4301353312		Fee	Indian	OW	APD
LC FEE 13H-21-47	21	040S	070W	4301353313		Fee	Indian	OW	APD
LC Fee 16-21D-47	21	040S	070W	4301353326		Fee	Indian	OW	APD
16-7D-46 BTR	7	040S	060W	4301353328		Fee	Indian	OW	APD
LC Fee 15-26D-47	26	040S	070W	4301353331		Fee	Indian	OW	APD
LC Fee 4-24D-47	23	040S	070W	4301353332		Fee	Indian	OW	APD
LC Fee 5-34D-47	34	040S	070W	4301353333		Fee	Indian	OW	APD
LC Fee 5-35D-47	35	040S	070W	4301353334	:	Fee	Indian	OW	APD
13-34D-47 LC Fee	34	040S	070W	4301353337		Fee	Indian	OW	APD
14-35D-35 BTR	35	030S	050W	4301352120		Fee	Fee	OW	DRL
6-17D-46 BTR	17	040S	060W	4301351078		Indian	Indian	OW	OPS
5-34D-35 BTR	34	030S	050W	4301351187		Indian	Fee	OW	OPS
5-10D-45 BTR	10	040S	050W	4301351221		Indian	Indian	OW	OPS
5-3D-45 BTR	3	040S	050W	4301351810		Indian	Indian	OW	OPS
9-34D-35 BTR	34	030S	050W	4301352117		Fee	Fee	OW	OPS
5-35D-35 BTR	35	030S	050W	4301352118		Fee	Fee	OW	OPS
1-2D-46 BTR	2	040S	060W	4301353086		Indian	Fee	OW	OPS
7-21-46 DLB	21	040\$	060W	4301333567	16526	Indian	Indian	OW	Р
LC TRIBAL 1H-27-46	27	040S	060W	4301333568	18175	Indian	Fee	GW	Р
7-29-46 DLB	29	040S	060W	4301333584	17603	Indian	Fee	GW	Р
LC TRIBAL 12H-28-46	28	040S	060W	4301333631	18132	Indian	Indian	GW	Р
LC TRIBAL 13H-21-46	21	040S	060W	4301333632	18107	Indian	Indian	GW	Р
12-36-36 BTR	36	030S	060W	4301333638	16336	Indian	Fee	GW	Р
5-5-46 BTR	5	040S	060W	4301333639	16542	Indian	Fee	ow	Р
5-23-36 BTR	23	030S	060W	4301333642	16675	Indian	Fee	GW	Р
14-29-36 BTR	29	030S	060W	4301333643	16725	Indian	Fee	OW	Р
14-30-36 BTR	30	030S	060W	4301333644	16701	Indian	Fee	GW	Р
7-20-46 DLB	20	040S	060W	4301333657	16584	Indian	Indian	OW	P
LC TRIBAL 5-21D-46	21	040S	060W	4301333658	18887	Indian	Indian	OW	P
5-20-46 DLB	20	040S	060W	4301333659	18750	Indian	Indian	GW	P
LC TRIBAL 13H-20-46	20	040S	060W	4301333678	17979	Indian	Indian	GW	P
14-7-46 BTR	7	040S	060W	4301333806	16890	Indian	Indian	GW	Р
7-8-45 BTR	8	040S	050W	4301333820	16974	Indian	Indian	OW	Р

1-5-45 BTR	5	040S	050W	4301333868	16931	Indian	Indian	OW	Р
5-16-36 BTR	16	0308	060W	4301333970	17195	Indian	Fee	OW	- F
5-29-36 BTR	29	0308	060W	4301333972	17557	Indian	Fee	OW	P
4-30-36 BTR	30	030S	060W	4301333973	17249	Indian	Fee	OW	P
7-19-46 DLB	19	040S	060W	4301334004	19018	Indian	Indian	OW	P
5-25-36 BTR	25	0308	060W	4301334021	17126	Fee	Fee	OW	P
5-4-45 BTR	4	0408	050W	4301334089	17507	Indian	Indian	OW	— <u>-</u>
13-2-46 BTR	2	040\$	060W	4301334090	18618	Indian	Indian	OW	P
2-3-45 BTR	3	040\$	050W	4301334099	17932	Indian	Indian	OW	 P
7-6-45 BTR	6	0408	050W	4301334100	17653	Indian	Indian	OW	P
1-9-45 BTR	9	040S	050W	4301334101	17910	Indian	Indian	OW	P
8-10-45 BTR	10	040\$	050W	4301334102	17530	Indian	Indian	OW	'Р
7-17-45 BTR	17	040S	050W	4301334104	17933	Indian	Indian	OW	- ' <u>'</u> P
16-7-45 BTR	7	040S	050W	4301334111	17665	Indian	Indian	OW	P
15-18-45 BTR	18	040\$	050W	4301334112	17832	Indian	Indian	OW	P
6-12-46 BTR	12	040\$	060W	4301334114	17964	Indian	Indian	OW	: <u>'</u>
5-13-46 BTR	13	0408	060W	4301334115	17833	Indian	Indian	ow	P
16-26-36 BTR	26	030S	060W	4301334132	18028	Indian	Fee	OW	P
1-23-36 BTR	23	0308	060W	4301334136	17722	Indian	Fee	OW	P
15-10-36 BTR	10	030\$	060W	4301334277	17419	Indian	Fee	OW	P
14-5-46 BTR	5	0408	060W	4301350307	17624	Fee	Fee	OW	P
14X-22-46 DLB	22	040\$	060W	4301350351	17604	Indian	Indian	OW	P
16-13-36 BTR	13	030S	060W	4301350372	17853	Indian	Fee	OW	P
5-33-46 DLB	33	040S	060W	4301350397	17765	Indian	Fee	OW	P
5-34-46 DLB	34	040\$	060W	4301350415	17801	Indian	State	GW	P
C FEE 12H-32-46	32	040S	060W	4301350431	18003	Fee	Fee	OW	P
1-13D-47 BTR	13	040S	070W	4301350445	18205	Indian	Fee	OW	Р
16-8D-45 BTR	8	040S	050W	4301350466	18799	Indian	Indian	OW	P
7-13D-46 BTR	13	040S	060W	4301350470	18076	Indian	Indian	OW	Р
14-8D-45 BTR	8	040S	050W	4301350567	18207	Indian	Indian	OW	P
14-5D-45 BTR	5	0408	050W	4301350568	18108	Indian	Indian	OW	Р
16-31D-36 BTR	31	030S	060W	4301350573	18004	Indian	Fee	OW	Р
5-7D-46 BTR	7	040S	060W	4301350574	18176	Indian	Indian	OW	P
_C TRIBAL 13H-33-46	34	040S	060W	4301350575	18223	Indian	State	OW	Р
5-8-45 BTR	8	040S	050W	4301350607	18279	Indian	Indian	OW	Р
16-6D-45 BTR	6	040S	050W	4301350610	18177	Indian	Indian	OW	Р
5-18D-45 BTR	18	040S	050W	4301350611	18300	Indian	Indian	OW	Р
7-26-37 BTR	26	0308	070W	4301350641	18131	Indian	Fee	OW	Р
3-11D-36 BTR	11	0308	060W	4301350642	18299	Indian	Fee	OW	P
16-1D-46 BTR	1	040S	060W	4301350675	18525	Indian	Indian	OW	P
14-3-45 BTR	3	0408	050W	4301350676	18363	Indian	Indian	OW	Р

4-17D-45 BTR	17	040S	050W	4301350687	18517	Indian	Indian	OW	Р
5-6D-45 BTR	6	040S	050W	4301350688	18726	Indian	Indian	OW	P
7-7D-45 BTR	7	040S	050W	4301350689	18380	Indian	Indian	OW	P
14-10D-45 BTR	10	040S	050W	4301350754	18447	Indian	Indian	OW	P
14-9D-45 BTR	9	040S	050W	4301350755	18379	Indian	Indian	OW	P
13-16D-36 BTR	16	030S	060W	4301350757	18206	Indian	State	OW	Р
5-9D-36 BTR	9	030S	060W	4301350843	18381	Indian	Fee	OW	P
16-5D-46 BTR	5	040S	060W	4301350844	18280	Fee	Fee	OW	Р
5-27D-37 BTR	27	030S	070W	4301350847	18526	Indian	Fee	OW	Р
7-4D-45 BTR	4	040S	050W	4301350884	18562	Indian	Indian	OW	Р
2-16D-45 BTR	16	040S	050W	4301350899	18619	Indian	Indian	OW	Р
16-10D-45 BTR	10	040S	050W	4301350902	18725	Indian	Indian	OW	P
5-2D-36 BTR	2	030S	060W	4301350913	18886	Indian	Fee	ow	Р
13H-27-36 BTR	27	030S	060W	4301350918	18445	Indian	State	ow	Р
8-16D-46 BTR	16	040S	060W	4301350953	19027	Indian	Indian	OW	Р
16-16D-46 BTR	16	040S	060W	4301350956	19028	Indian	Indian	OW	Р
16-9D-45 BTR	9	040S	050W	4301350962	18662	Indian	Indian	OW	Р
14-31D-36 BTR	31	030S	060W	4301350973	18524	Indian	Fee	OW	Р
5-10D-36 BTR	10	030S	060W	4301350978	18989	Indian	Fee	OW	Р
1-32D-36 BTR	32	030S	060W	4301350979	18648	Indian	Fee	OW	Р
16-12D-36 BTR	12	030S	060W	4301350980	18748	Indian	Fee	ow	Р
2-18D-45 BTR	18	040S	050W	4301350991	18776	Indian	Indian	OW	Р
3-1-46 BTR	1	040S	060W	4301351017	18777	Indian	Fee	ow	Р
10-5-45 BTR	5	040S	050W	4301351062	18724	Indian	Indian	OW	Р
12-4D-45 BTR	4	040S	050W	4301351063	18813	Indian	Indian	ow	Р
1-10D-45 BTR	10	040S	050W	4301351064	18966	Indian	Indian	ow	Р
16-2D-46 BTR	2	040S	060W	4301351079	18830	Indian	Indian	OW	Р
9H-4-45 BTR	4	040S	050W	4301351092	18814	Indian	Indian	OW	Р
12-17-45 BTR	17	040S	050W	4301351097	18984	Indian	Indian	OW	Р
5-9D-46 BTR	9	040S	060W	4301351109	19313	Indian	Fee	OW	Р
14-9D-36 BTR	9	030S	060W	4301351144	19004	Indian	Fee	OW	Р
5-31D-36 BTR	31	030S	060W	4301351146	18691	Indian	Fee	OW	Р
4-9D-45 BTR	9	040S	050W	4301351157	18883	Indian	Indian	OW	Р
8-12D-46 BTR	12	040S	060W	4301351159	18911	Indian	Indian	OW	Р
LC TRIBAL 16-23D-47	23	040S	070W	4301351180	18617	Indian	Indian	OW	Р
14-7D-45 BTR	7	040S	050W	4301351222	18949	Indian	Indian	OW	Р
5-16D-45 BTR	16	040S	050W	4301351223	18987	Indian	Indian	OW	Р
4-5D-45 BTR	5	040S	050W	4301351242	18882	Indian	Indian	OW	P
LC TRIBAL 16H-19-45	19	0408	050W	4301351278	18627	Indian	Indian	OW	Р
LC TRIBAL 13-19D-45	19	040S	050W	4301351280	18628	Indian	Indian	OW	Р
LC TRIBAL 5-30D-45	30	040S	050W	4301351281	19448	Indian	Indian	OW	Р

LC TRIBAL 15-24D-46	24	040\$	060W	4301351283	18626	Indian	Indian	OW	Р
LC TRIBAL 13H-24-46	19	040S	050W	4301351289	18629	Indian	Indian	OW	P
7-16-47 BTR	16	040S	070W	4301351296	18950	Indian	Fee	OW	P
14-18D-45 BTR	18	040S	050W	4301351313	19005	Indian	Indian	OW	Р
LC TRIBAL 16-30D-46	30	040S	060W	4301351320	19006	Indian	Indian	OW	Р
LC TRIBAL 5-20D-45	20	040S	050W	4301351331	19449	Indian	Indian	OW	Р
11-8D-46 BTR	8	040S	060W	4301351336	19314	Indian	Indian	OW	Р
5-7D-45 BTR	7	040S	050W	4301351350	18951	Indian	Indian	OW	Р
7-5-35 BTR	5	030S	050W	4301351599	19078	Indian	Fee	OW	Р
13-5D-35 BTR	5	030S	050W	4301351600	18996	Indian	Fee	OW	Р
11-5D-35 BTR	5	030S	050W	4301351601	19061	Fee	Fee	OW	Р
15-5D-35 BTR	5	030S	050W	4301351602	19062	Fee	Fee	OW	Р
9-5D-35 BTR	5	030S	050W	4301351609	19029	Indian	Fee	OW	Р
3-5D-35 BTR	5	030S	050W	4301351638	19079	Indian	Fee	OW	Р
7-8-46 BTR	8	040S	060W	4301351702	19315	Indian	Indian	OW	Р
7-30-46 DLB	30	040S	060W	4301351703	18997	Fee	Indian	OW	Р
3-13D-46 BTR	13	040S	060W	4301351718	18881	Indian	Indian	OW	Р
2-13D-46 BTR	13	040S	060W	4301351719	18885	Indian	Indian	OW	Р
12-12D-46 BTR	12	040S	060W	4301351720	18867	Indian	Indian	OW	P
10-12D-46 BTR	12	040S	060W	4301351721	18856	Indian	Indian	OW	Р
11-11D-47 BTR	11	040S	070W	4301352091	19633	Fee	Fee	ow	Р
7-12D-47 BTR	12	040S	070W	4301352094	19600	Indian	Fee	OW	Р
5-12D-47 BTR	12	040S	070W	4301352095	19634	Indian	Fee	ow	Р
14-33D-35 BTR	33	030S	050W	4301352162	19450	Indian	Fee	OW	Р
16-33D-35 BTR	33	030S	050W	4301352163	19451	Indian	Fee	OW	Р
14-22-46 DLB	22	040S	060W	4301333660	17604	Indian	Indian	D	PA
13H-31-36 BTR	31	030S	060W	4301350465	18485	Indian	Fee	OW	PA
16X-23D-36 BTR	23	030S	060W	4301350623	18007	Indian	State	OW	PA
8-6-45 BTR	6	040S	050W	4301350900	18561	Indian	Indian	OW	PA
13-13-36 BTR	13	030S	060W	4301350919	18364	Indian	Fee	OW	PA
7-28-46 DLB	28	040S	060W	4301333569	16460	Indian	Indian	OW	S
5-21-36 BTR	21	0308	060W	4301333641	16674	Indian	Fee	GW	S
13-26-36 BTR	26	030S	060W	4301333980	17569	Indian	Fee	OW	S
14-1-46 BTR	1	040S	060W	4301334113	18516	Indian	Indian	OW	S
16-21-36 BTR	21	030S	060W	4301334130	17721	Indian	Fee	OW	S
14-21-36 BTR	21	030S	060W	4301334131	18006	Indian	Fee	OW	S
7-16-36 BTR	16	030S	060W	4301334133	17834	Indian	Fee	OW	S
1-30-36 BTR	30	030S	060W	4301334134	17905	Indian	Fee	OW	S
16-30-36 BTR	30	030S	060W	4301334135	18005	Indian	Fee	OW	S
3-23-36 BTR	23	030S	060W	4301334137	17860	Indian	Fee	OW	S
16-16-36 BTR	16	030S	060W	4301334138	17666	Indian	Fee	OW	S

4-26-36 BTR	26	030S	060W	4301334139	17620	Fee	Fee	OW	S
9-11-36 BTR	11	030S	060W	4301334276	17451	Indian	Fee	OW	S
3-36-36 BTR	36	030S	060W	4301350398	17955	Indian	Fee	OW	S
7-10-36 BTR	10	030S	060W	4301350437	18052	Indian	Fee	OW	S
16-12D-46 BTR	12	040S	060W	4301350467	18051	Indian	Indian	OW	S
13H-13-46 BTR	13	040\$	060W	4301350468	18208	Indian	Indian	OW	S
13-12-46 BTR	12	040S	060W	4301350469	18233	Indian	Indian	OW	S
14-8D-36 BTR	8	030S	060W	4301350612	18163	Indian	Fee	OW	S
14-7D-36 BTR	7	030S	060W	4301350613	18330	Indian	Fee	OW	S
16-9-36 BTR	9	0308	060W	4301350645	18078	Indian	Fee	OW	S
7-27-37 BTR	27	030S	070W	4301350647	18090	Indian	Fee	OW	S
16-12D-37 BTR	12	030S	070W	4301350785	18446	Indian	Fee	OW	S
14-21D-37 BTR	21	030S	070W	4301350859	18548	Indian	Fee	OW	S
10-18D-36 BTR	18	030S	060W	4301350915	18884	Indian	Fee	OW	S
5-27D - 36	27	030S	060W	4301350917	18482	Indian	State	OW	S
10-36D-36 BTR	36	030S	060W	4301351005	18523	Indian	Fee	OW	S
14-6D-45 BTR	6	040S	050W	4301351158	18967	Indian	Indian	OW	S
5H-1-46 BTR UTELAND BUTTE	6	040S	050W	4301351215	18728	Indian	Indian	OW	S
5H-1-46 BTR WASATCH	6	040S	050W	4301351216	18727	Indian	Indian	OW	S
1-25D-36 BTR	25	030S	060W	4301351294	18798	Indian	Fee	OW	S
5-5D-35 BTR	5	030S	050W	4301351605	19055	Indian	Fee	OW	S
16-23-36 BTR	23	030S	060W	4301333971	17182	Indian	Fee	OW	TA
LC TRIBAL 14-23D-47	23	040S	070W	4301334022	18616	Indian	Indian	OW	TA
5-32D-36 BTR	32	030S	060W	4301350756	18328	Indian	Fee	OW	TA



October 20, 2016

RECEIVED

OCT 2 1 2016

Re: Bill Barrett Corporation Transfer to New Operator

DIV. OF OIL, GAS & MINING

Dear Ms. Medina:

Attached please find the change of operation Form 9, Form 5's and Request to Transfer APD formchanging the operator from Bill Barrett Corporation to RIG II, LLC, effective 11/1/2016. Badlands Energy – Utah, LLC will be a sub-operator.

New Operator Contact information:

RIG II, LLC 1582 West 2600 South Woods Cross, Utah 84087-0298 Telephone:(801) 683-4245 Fax:(801) 298-9889

Upon reviewing the attached, please contact myself with any questions at 303-312-8115.

Sincerely,

Bill Barrett Corporation

Brady Riley Permit Analyst

STATE OF UTAH FORM 9 **DEPARTMENT OF NATURAL RESOURCES** 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING (see attached well list) 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7, UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL 8. WELL NAME and NUMBER OIL WELL 🔽 GAS WELL (see attached well list) 2. NAME OF OPERATOR: 9. API NUMBER RIG II, LLC 3. ADDRESS OF OPERATOR PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 1582 West 2600 South (801) 683-4245 STATE UT ZIP 84087 Wood Cross 4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list) COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE REPERFORATE CURRENT FORMATION NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start; CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON 11/1/2016 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSÁL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION** 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. RIG II, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO-Rig II, LLC BY BILL BILL BARRETT CORPORATION EFFECTIVE 11/1/2016. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW. RIG II, LLC 1582 West 2600 South Woods Cross, Utah 84087-0298 801-683-4245 (STATE/FEE BOND # 9219529/ BLM BOND # UTB000712/ BIA BOND # LPM9224670) BILL BARRETT CORPORATION NOILS RIG II, LLC MAME (PLEASE PRINT) _ NAME (PLEASE PRINT) SIGNATURE SIGNATURE EH&S, Government and Regulatory Affairs Jesse McSwain Manager NAME (PLEASE PRINT) 1012016

APPROVED

NOV 0 7 2016

(This space for State use only)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

Well	name:	(See attached I	list)			
API r	number:					
Loca	tion:	Qtr-Qtr:	Section:	Township: Range:		
Com	pany that filed original application:	Bill Barrett Corp	ooration			
Date	original permit was issued:		·			
Com	pany that permit was issued to:	Bill Barrett Co	rporation			
Check one		Des	sired Action:	# 1 h		
	Transfer pending (unapproved) App	olication for P	ermit to Drill to ne	ew operator		
	The undersigned as owner with legal r submitted in the pending Application for owner of the application accepts and a	or Permit to Dri	ill, remains valid ar	nd does not require revision. The	new	
✓	Transfer approved Application for F	Permit to Drill	to new operator			
	The undersigned as owner with legal r information as submitted in the previous revision.				re	
Follo	wing is a checklist of some items rel	ated to the ap	plication, which	should be verified.	Yes	No
	owing is a checklist of some items rel ated on private land, has the ownership	<u>.</u>	plication, which s	should be verified.	Yes	No
		changed?	plication, which s	should be verified.		
If loca	ated on private land, has the ownership	changed? updated?				
If local Have requi	If so, has the surface agreement been any wells been drilled in the vicinity of	changed? updated? the proposed v	vell which would af	ffect the spacing or siting		✓
Have requi Have propo	ated on private land, has the ownership If so, has the surface agreement been any wells been drilled in the vicinity of rements for this location? It there been any unit or other agreemen	changed? updated? the proposed v ts put in place	vell which would af	ffect the spacing or siting ne permitting or operation of this		✓ ✓
Have requi Have propo Have propo	ated on private land, has the ownership If so, has the surface agreement been any wells been drilled in the vicinity of rements for this location? there been any unit or other agreemen osed well?	changed? updated? the proposed v ts put in place route including	vell which would af	ffect the spacing or siting ne permitting or operation of this		✓ ✓ ✓
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Have proportion Have plans Is both Any of should necessive Mame	ated on private land, has the ownership If so, has the surface agreement been any wells been drilled in the vicinity of rements for this location? There been any unit or other agreemen osed well? There been any changes to the access osed location? The approved source of water for drilling there been any physical changes to the from what was discussed at the onsite anding still in place, which covers this pro- desired or necessary changes to either a desired on a Sundry Notice, Form 9, o ssary supporting information as required	changed? updated? the proposed w ts put in place route including changed? e surface locati evaluation? oposed well? E a pending or agor amended Ap	that could affect the gownership or right on or access route and No. Sond No. Sproved Application polication for Permi	ffect the spacing or siting ne permitting or operation of this nt-of-way, which could affect the which will require a change in	✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓

Permit to Drill.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT			
Well Name and Number 6-32-36 BTR SWD			API Number
Location of Well			4301350921 Field or Unit Name
Footage: 1628 FNL 1553 FWL		County : DUCHENSE	CEDAR RIM Lease Designation and Number
QQ, Section, Township, Range: SENW 32 3S	6W	State: UTAH	2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OF	PERATOR	
Company:	BILL BARRETT CORPORATION	Name: Duane Zavadil
Address:	1099 18th Street Ste 2300	Signature: 2ntil
	city DENVER state CO zip 80202	Senior Vice President - Title: EH&S, Government and Regulatory Affairs
Phone:	(303) 293-9100	Date: 10/20/16
Comments		

Company:	RIG II, LLC	Name: Jesse McSwain
Address:	1582 West 2600 South	Signature: Jene MR-
	city Wood Cross state UT zip 84087	Title: Manager
Phone:	(801) 683-4245	Date: 10 20 10
Comments	:	, ,

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Transfer approved by:

Approval Date: ///3//L

Comments:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

	TRANSFER OF AU	JTHORITY TO INJECT	Γ
Well Name and 16-6D-46 BT			API Number 4301350781
Location of Well		:	Field or Unit Name
Footage: 0	200 FSL 0099 FEL	County : DUCHESNE	ALTAMONT Lease Designation and Number
QQ, Section,	Township, Range: SESE 6 4S 6W	State: UTAH	2OG0005608
EFFECTIVE I	DATE OF TRANSFER: 11/1/2016	,	
CURRENT OF	PERATOR		
Company:	BILL BARRETT CORPORATION	Name: Duane	e Zavadil
Address:	1099 18th Street Ste 2300	Signature:	m Zwist
	city DENVER state CO zip 80202	Senior	ice President - Government and Regulatory Affairs
Phone:	(303) 293-9100	Date:	20/14
Comments	:		
NEW OPERA	TOR		
Company:	RIG II, LLC	Name: Jesse	McSwain
Address:	1582 West 2600 South	Signature:	Jene MG:
	city Wood Cross state UT zip 84087	Title: Mana	/
Phone:	(801) 683-4245	Date:	120114
Comments			1
33,,,,,,			

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Transfer ar	pproved by:	Approval Date:	11/3/16
. 1	Title: 1/1/		

Comments:

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT				
Well Name and SWD 9-36 B	BTR		API Number 4301350646	
Location of Well			Field or Unit Name CEDAR RIM	
· ·	539 FSL 0704 FEL	County : DUCHESNE	Lease Designation and Number	
QQ, Section,	Township, Range: SESE 9 3S 6W	State: UTAH	2OG0005608	
EFFECTIVE I	DATE OF TRANSFER: 11/1/2016			
CURRENT OF	PERATOR			
Company:	BILL BARRETT CORPORATION	Name: Duane	ane Zavadil	
Address:	1099 18th Street Ste 2300	Signature:	Win Zuck	
	city DENVER state CO zip 80202		/ice President - Government and Regulatory Affairs	
Phone:	(303) 293-9100	Date:	7.0116	
Comments	:			
T-798-14-		· · · · · · · · · · · · · · · · · · ·		
NEW OPERA	TOR		·	
Company:	RIG II, LLC	Name: Jesse	McSwain	
Address:	1582 West 2600 South	Signature:	ene MG-	
	city Wood Cross state UT zip 84087	Title: Mana	ger	
Phone:	(801) 683-4245	Date:	170116	
Comments	:			
This space for S	state use only)			
Transfer ar	pproved by:	Approval Date:		
	This well was non	nived by USE.	PH.	
Comi	ments: This well was appropriately	ill be required		